SIRIUS STARMATE 5

User Guide

SIRIUS | XM

SATELLITE RADIO

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Introduction

Introduction

Features

Congratulations, on your purchase of the Starmate 5!

The Starmate 5 has these exciting features to enhance your overall experience:

- Easy to read, wide-screen display: View artist name, song title, and channel information on an easy to read, wide-screen display.
- Improved audio connection options: Use either the included Aux In Cable, or the new *Power*Connect FM Transmitter to listen to the audio through your vehicle's stereo system.
- Pause and Replay: Pause, rewind and replay up to 44 minutes of live radio.
- S-Seek™ Alert: Don't miss your favorite artists, songs and sports team/driver when they're on live radio.
- A La Carte programming capability: Make individual channel selection.
- Real-time program guide: Find out what else is playing on other channels without having to change the channel you are on.
- One-Touch Jump™: Directly access traffic and weather of the 20 most congested cities, or access a favorite channel.
- Favorite channel presets: Save and enjoy fast access to up to 30 of your favorite channels.
- FM preset button: Store and quickly access FM channels that give you the best audio reception when using *Power*Connect.
- Parental controls: Easily lock and unlock channels with mature content.

Please read the entire User Guide before using your Starmate 5!

Safety and Care Information

IMPORTANT! Always read and understand all the instructions to avoid injury to yourself and/or damage to your device. SIRIUS XM Radio Inc. disclaims all responsibility for damage from data loss due to breakdown, repair, or other causes.

- Do not expose to extreme temperatures (above 140°F or below -4°F, or above 60°C or below -20°C).
- Do not expose to moisture. Do not use device near or in water. Do not touch the device with wet hands.
- Do not let any foreign matter spill into device.
- Do not store in dusty areas.
- Do not expose to chemicals such as benzene and thinners. Do not use liquid or aerosol cleaners. Clean with a soft damp cloth only.
- Do not expose to direct sunlight for a prolonged period of time, and do not expose to fire, flame, or other heat sources.
- Do not try to disassemble and/or repair device yourself.
- Do not drop your device or subject it to severe impact.
- Do not place heavy objects on device.
- Do not subject device to excessive pressure.
- If the LCD screen is damaged, do not touch the liquid crystal fluid.

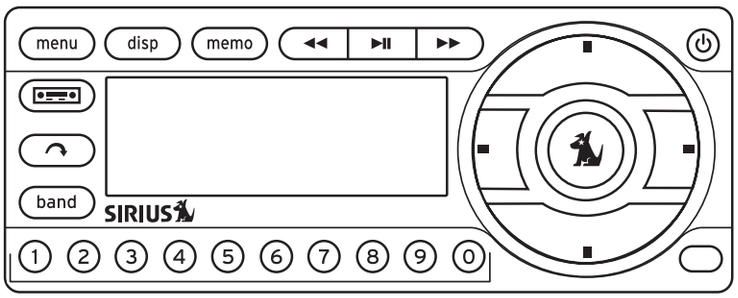
Introduction

WARNING!

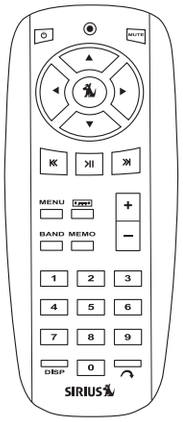
- Opening the case may result in electric shock.
- If the liquid crystal fluid comes in contact with your skin, wipe the skin area with a cloth and then wash the skin thoroughly with soap and running water. If the liquid crystal fluid comes into contact with your eyes, flush the eyes with clean water for at least 15 minutes and seek medical care. If the liquid crystal fluid is ingested, flush your mouth thoroughly with water. Drink large quantities of water, and induce vomiting. Seek medical care.
- Make sure that you insert the *Power*Connect Power Adapter all the way into the vehicle's cigarette lighter or power adapter socket.
- If you are using *Power*Connect as your audio connection option, it is advisable not to insert a multi-outlet adapter into the same vehicle cigarette lighter or power adapter socket to simultaneously power other devices. Some multi-outlet adapters can prevent the *Power*Connect feature from working properly.
- When using this product, it is always important to keep your eyes on the road and hands on the wheel. Not doing so could result in personal injury, death, and/or damage to your device, accessories, and/or to your vehicle or other property.
- Vehicle installation and radio configuration functions should not be performed while driving. Park your vehicle in a safe location before beginning installation.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Your device should be placed in your vehicle where it will not interfere with the function of safety features, e.g., deployment of airbags. Failure to correctly place device may result in injury to you or others, if the unit becomes detached during an accident and/or obstructs the deployment of an airbag.

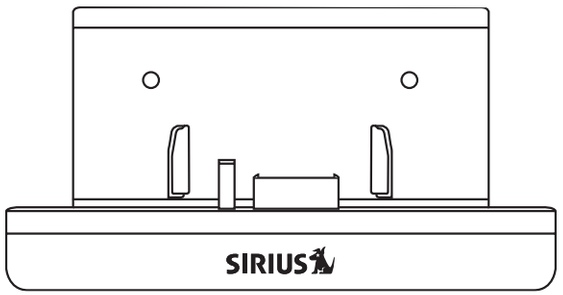
What's in the Box?



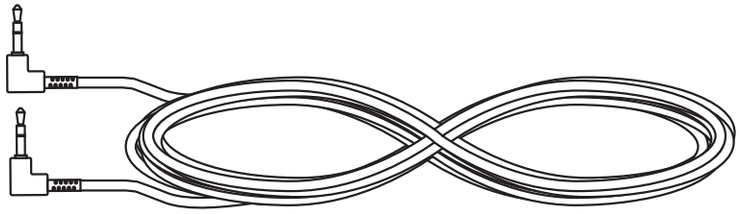
Starmate 5 Radio



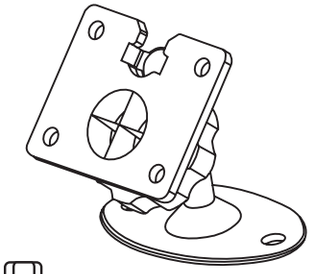
Remote Control



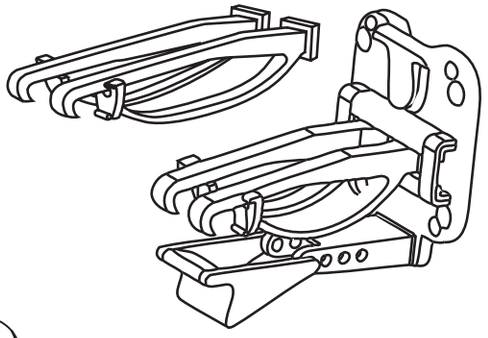
*Power*Connect Vehicle Dock



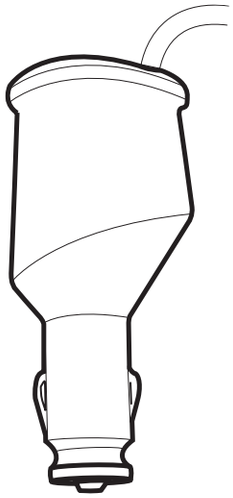
Aux In Cable



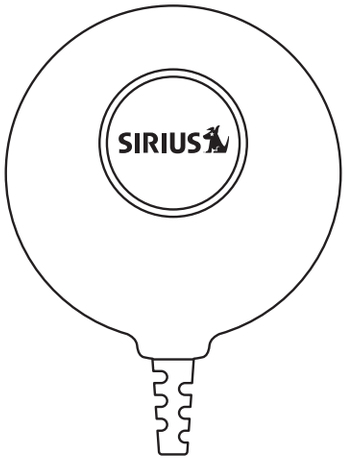
Dash Mount



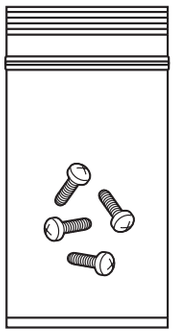
Vent Mount and Extended Vent Clamps



*Power*Connect Power Adapter



Magnetic Mount Antenna and Rubber Tail



Screws

Antenna & Dash Mount Alcohol Preparation Pads

Introduction

Starmate 5 Functions

FM Button
Press to access and cycle through FM presets.

Menu Button
Access advanced features and configuration options; also when in configuration options, press and hold to return to main display screen.

Display Button
Customize the way you view content on the display.

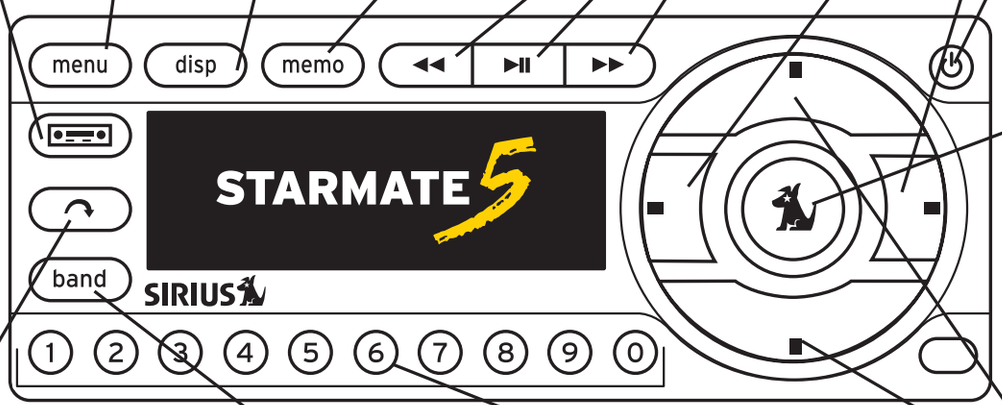
Memo Button
Press and release to save artists and songs. Press and hold to display stored artists and songs.

Pause and Replay Buttons
Pause, rewind, and replay up to 44 minutes of live radio.

Left and Right Buttons
Press and release to search for channels by category. Press and hold to adjust display's brightness.

Power Button
Turn radio on and off.

Select Button
Press to confirm selection of highlighted items in a menu or list; also when not in a menu or list, press first before entering the channel number, to directly tune to a channel. Press and hold to go back to the previous channel.



Jump Button
Directly access traffic and weather of the 20 most congested cities; or access a favorite channel.

Band Button
Press and release to switch between the favorite channel preset banks. Press and hold to view My Presets category.

Number Buttons
Select your favorite channels; also enter a channel number.

Up and Down Buttons
Press to preview and tune channels through the channel lineup; also scroll through lists and highlight menu items.

Remote Control Functions

Power Button
Turn radio on and off.

Select Button
Press to confirm selection of highlighted items in a menu or list; also when not in a menu or list, press first before entering the channel number, to directly tune to a channel. Press and hold to go back to the previous channel.

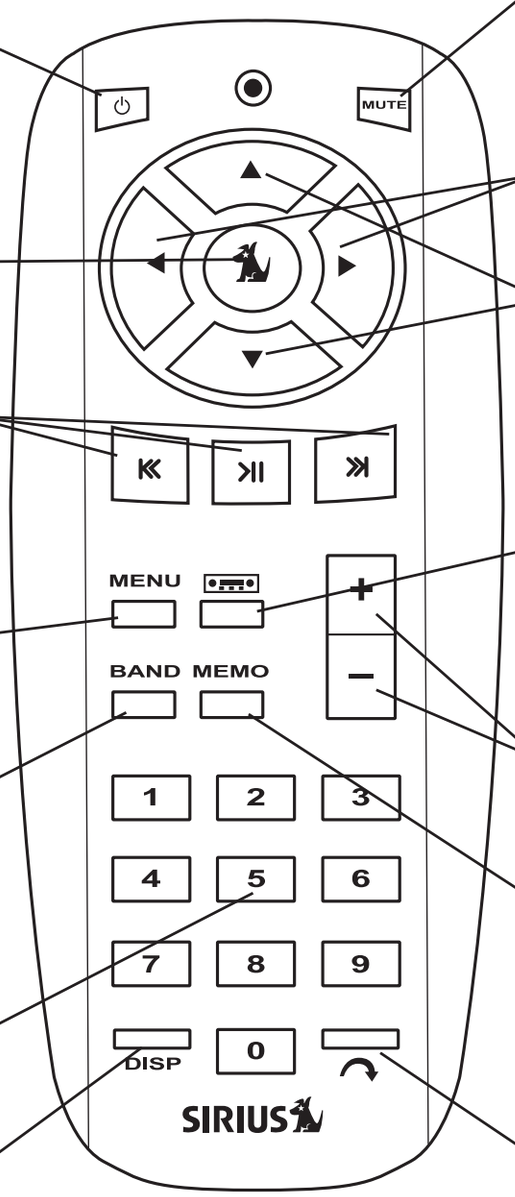
Pause and Replay Buttons
Pause, rewind, and replay up to 44 minutes of live radio.

Menu Button
Access advanced features and configuration options. Press and hold to return to main display screen when in configuration options.

Band Button
Press and release to switch between the favorite channel preset banks. Press and hold to view My Presets category.

Number Buttons
Select your favorite channels; also enter a channel number.

Display Button
Customize the way you view content on the display.



Mute Button
Silence live radio and replayed content.

Left and Right Buttons
Press and release to search for channels by category. Press and hold to adjust display's brightness.

Up and Down Buttons
Press to preview and tune channels through the channel lineup; also scroll through lists and highlight menu options.

FM Presets Button
Press to access and cycle through FM presets.

+ and – Buttons
Increase or decrease the audio level.

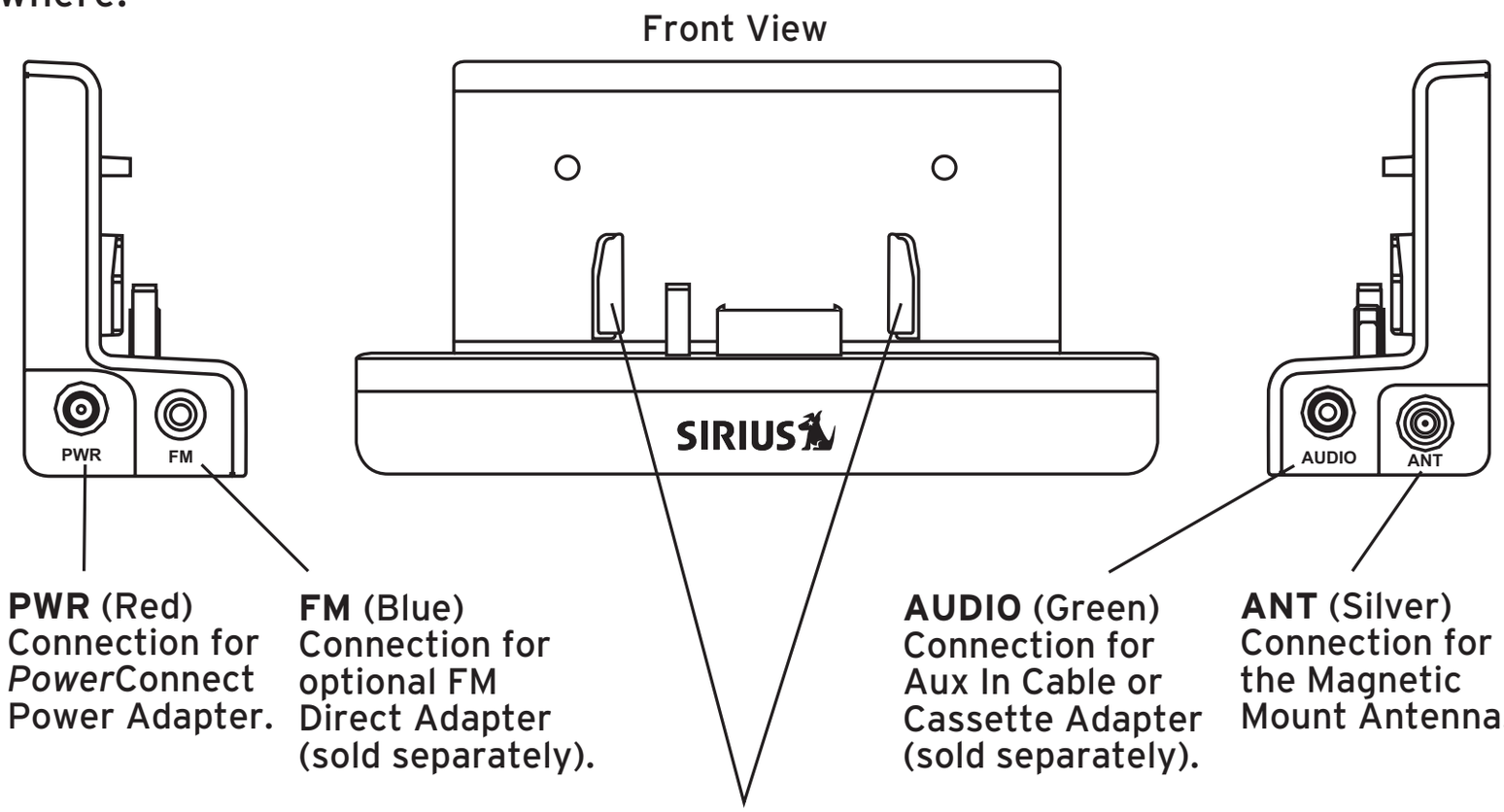
Memo Button
Press and release to save artists and songs. Press and hold to display stored artists and songs.

Jump Button
Directly access traffic and weather of the 20 most congested cities; or access a favorite channel.

*Power*Connect Vehicle Dock

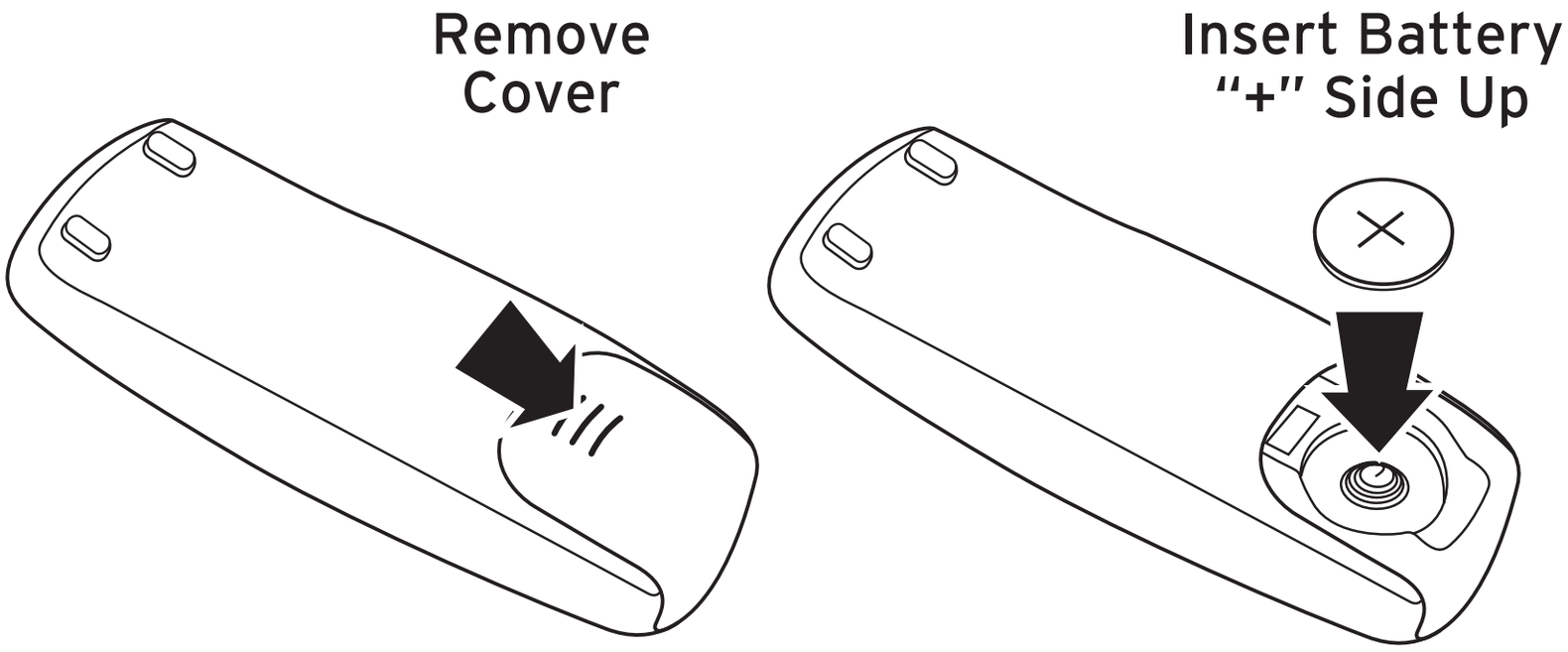
Color-Coded Connections

The color-coded *Power*Connect Vehicle Dock makes it simple to connect. Just match the colors on the cable ends to the colors on the dock to see what goes where.


Front View
PWR
FM
SIRIUS
AUDIO
ANT
PWR (Red) Connection for *Power*Connect Power Adapter.
FM (Blue) Connection for optional FM Direct Adapter (sold separately).
Docking Rails Fits into slots on the rear of the Starmate 5 to secure the radio.
AUDIO (Green) Connection for Aux In Cable or Cassette Adapter (sold separately).
ANT (Silver) Connection for the Magnetic Mount Antenna.

Remote Control Battery Installation

To install the remote control battery, turn the remote control over and locate the battery cover near the bottom edge. Open the battery compartment and place the battery in the compartment with the + side of the battery facing up. Replace the battery cover on the remote control.



Vehicle Installation

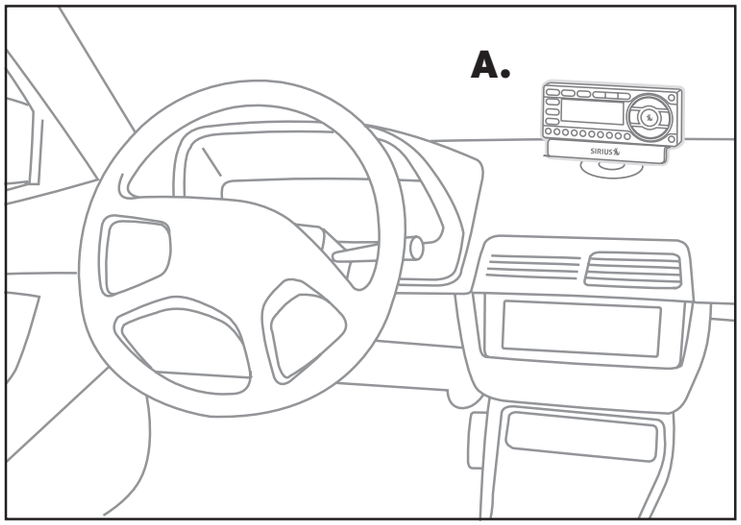
Vehicle Installation

Step 1: Choose a Location for Your Radio

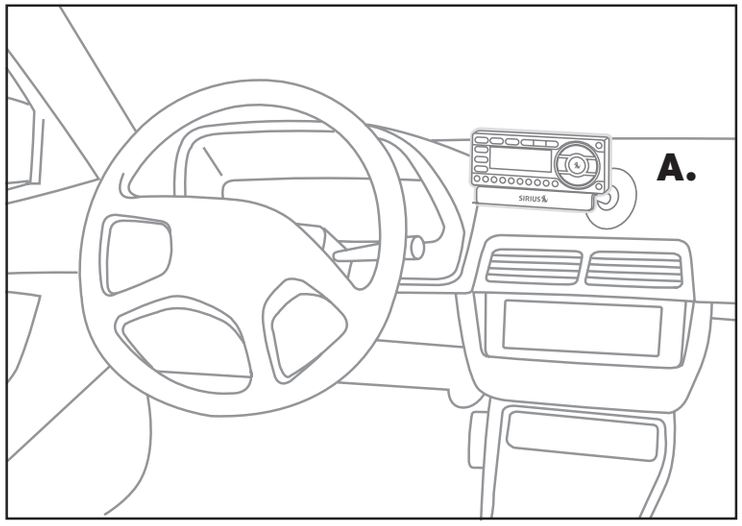
When installing the Starmate 5 in your vehicle, choose a location where it will not block your vision, interfere with the controls, or obstruct any air bags. The location should be easily accessible and provide good visibility of the display, and should not be located where it will be in direct sunlight, which will affect the visibility of the display screen.

Several examples of the Starmate 5 mounted in a vehicle are shown: **A** is the on dash method using the Dash Mount, and **B** is the vent clip method using the Vent Mount.

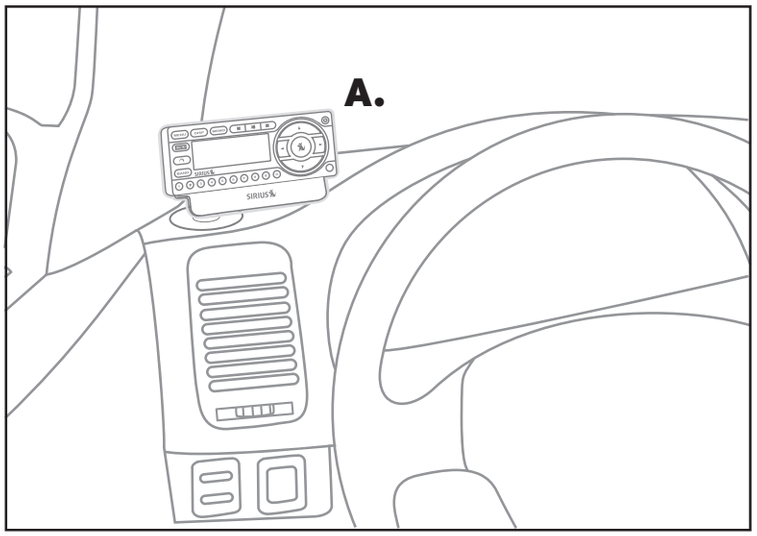
Option 1



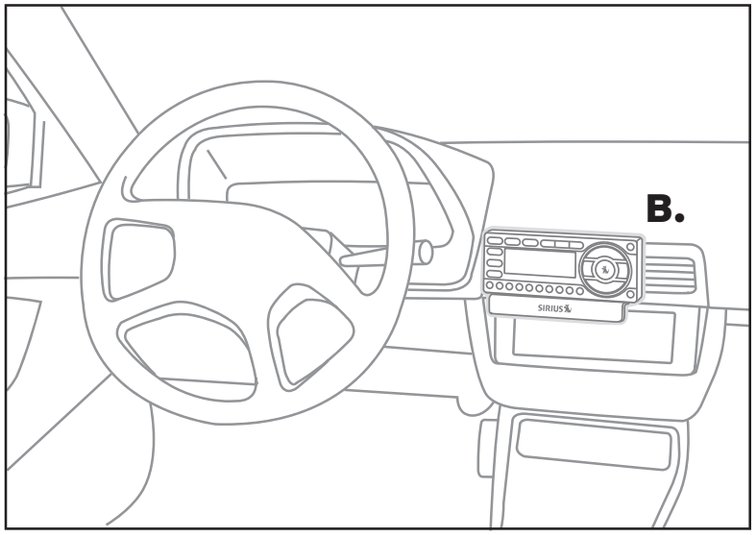
Option 2



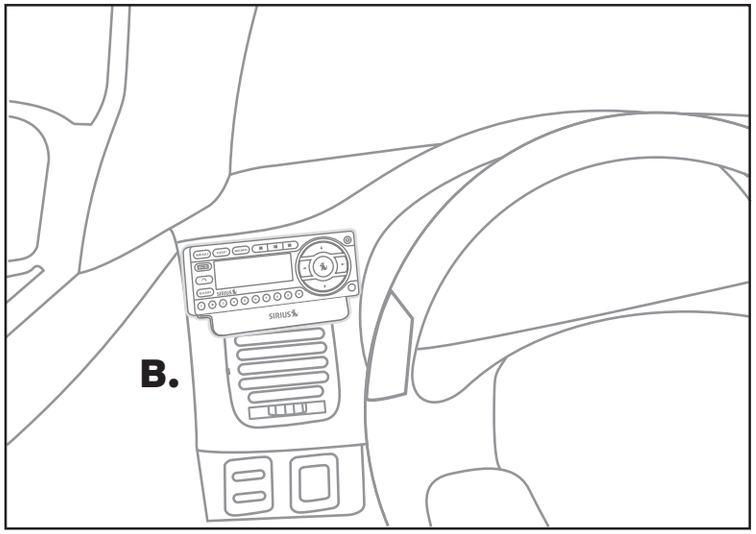
Option 3



Option 4



Option 5

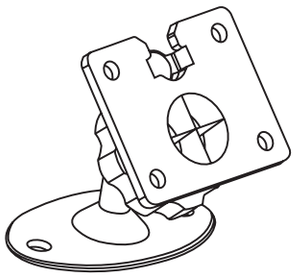


Step 2: Install the Vent or Dash Mount

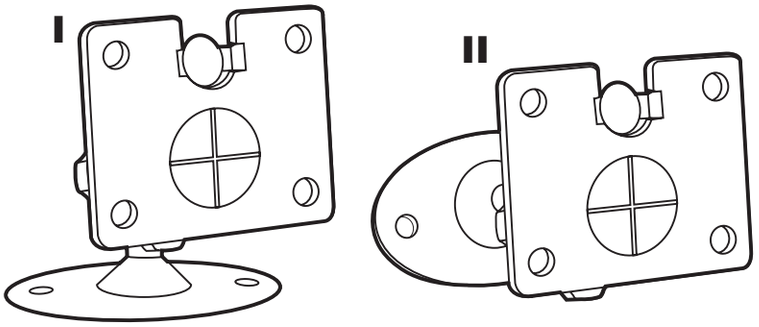
Depending on your situation, you can either choose to use the Dash Mount or the Vent Mount.

Installing the Dash Mount:

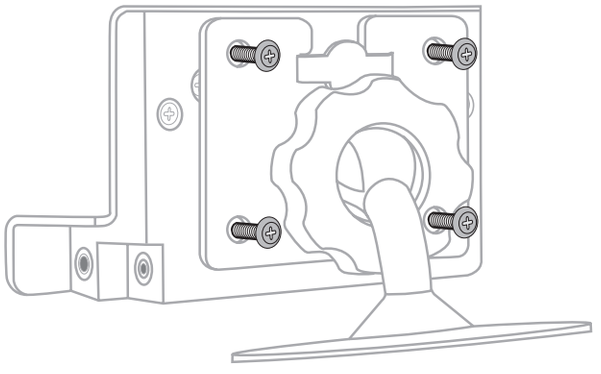
CAUTION! The adhesive used on the Dash Mount may be difficult to remove. Do not install this mount on leather surfaces (contact your vehicle dealer if you are unsure about your dash surface), and make sure the air temperature is at least 60°F (15°C) during installation. If it's not at least 60°F, turn on the heater in your vehicle to bring the temperature up to 60°F.



1. Locate a flat surface for the Dash Mount. Make sure there is ample room for the *Power*Connect Vehicle Dock and Starmate 5 when installed.

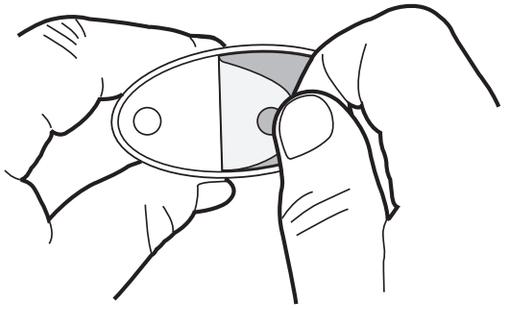


2. Set the orientation of the Dash Mount before adhering it. Loosen the knob and adjust the adhesive foot for the location you selected in "Step 1: Choose a Location for Your Radio" on page 16:
   - Option 1 & Option 3 should be oriented as **I**.
   - Option 2 should be oriented as **II**.
3. Attach the Dash Mount to the *Power*Connect Vehicle Dock using the provided screws.



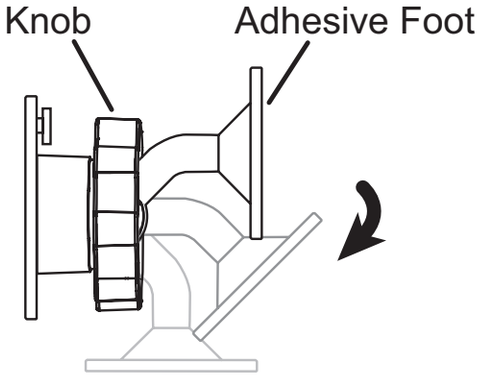
4 Clean the surface with the alcohol preparation pad and let it dry thoroughly.

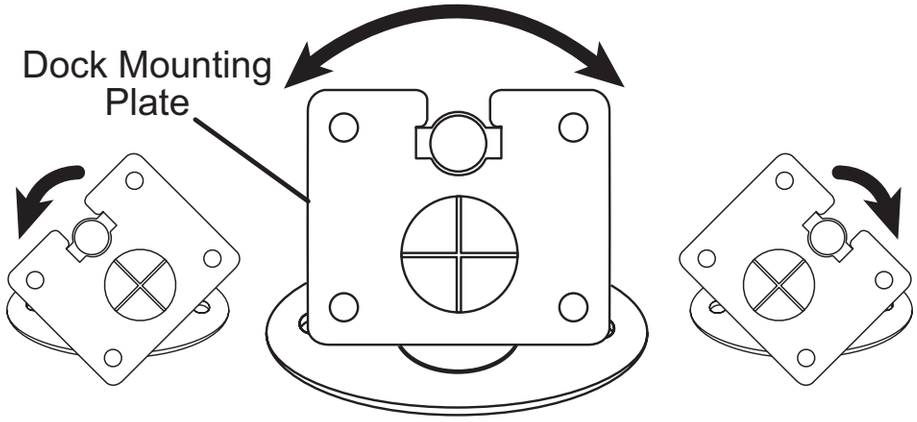
5 Peel off the adhesive liner. Position, press, and hold the Dash Mount and *Power*Connect Vehicle Dock in place for 30 seconds.



IMPORTANT! Allow the Dash Mount adhesive to cure (dry) for a minimum of 2-4 hours before using the mount. The best adhesion occurs after 24 hours.

6 The dock mounting plate can be tilted in different directions. Adjust as necessary for your particular vehicle. When the orientation is correct, tighten the knob.





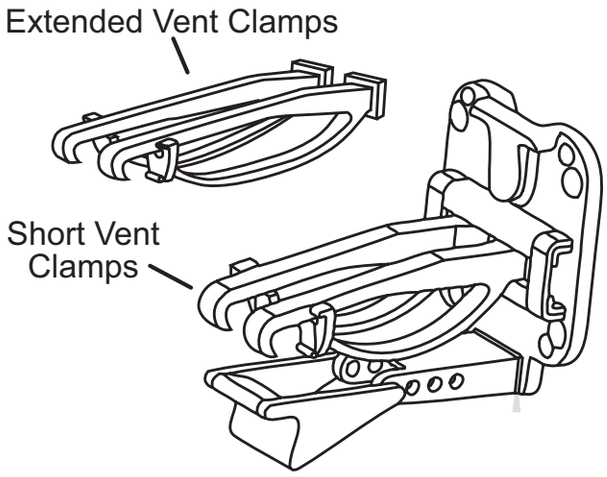
TIP! To remove, carefully lift the adhesive pad with your fingers or a spoon. Warming the pad with a hair dryer for several minutes will help soften the adhesive.

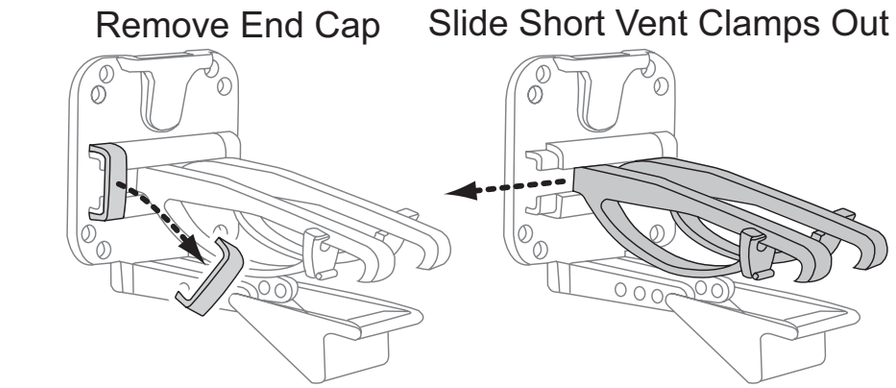
Vehicle Installation

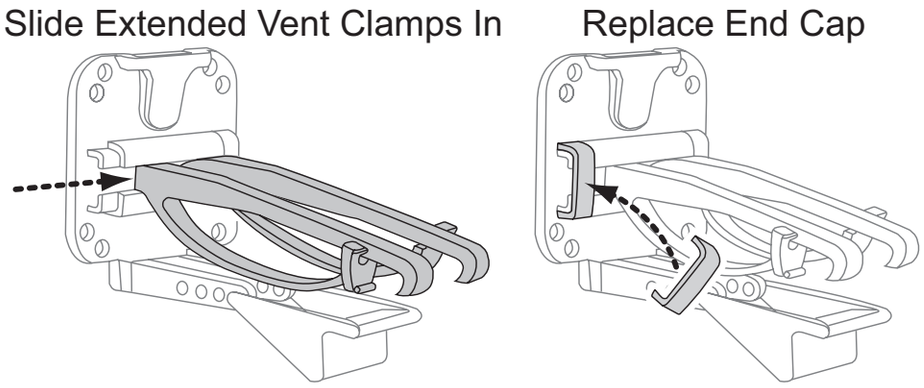
Installing the Vent Mount:

1 Locate a vent with horizontal louvers sturdy enough to hold your *Power*Connect Vehicle Dock and radio.

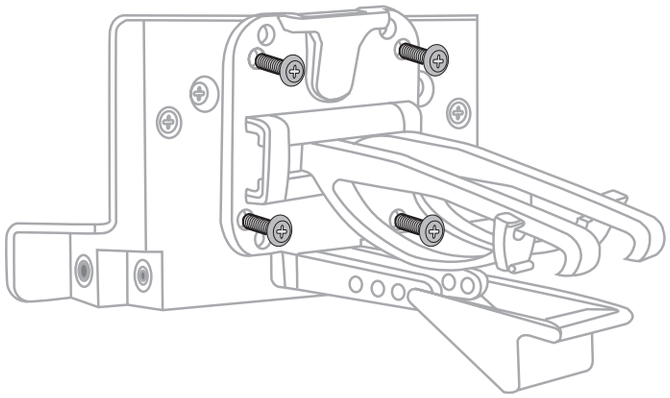
2 If the vent louvers in your vehicle are recessed, you may need to use the longer vent clamps with the Vent Mount. If so, Remove the shorter vent clamps and install the longer ones into the Vent Mount. Be sure to observe the orientation of the vent clamps as shown.





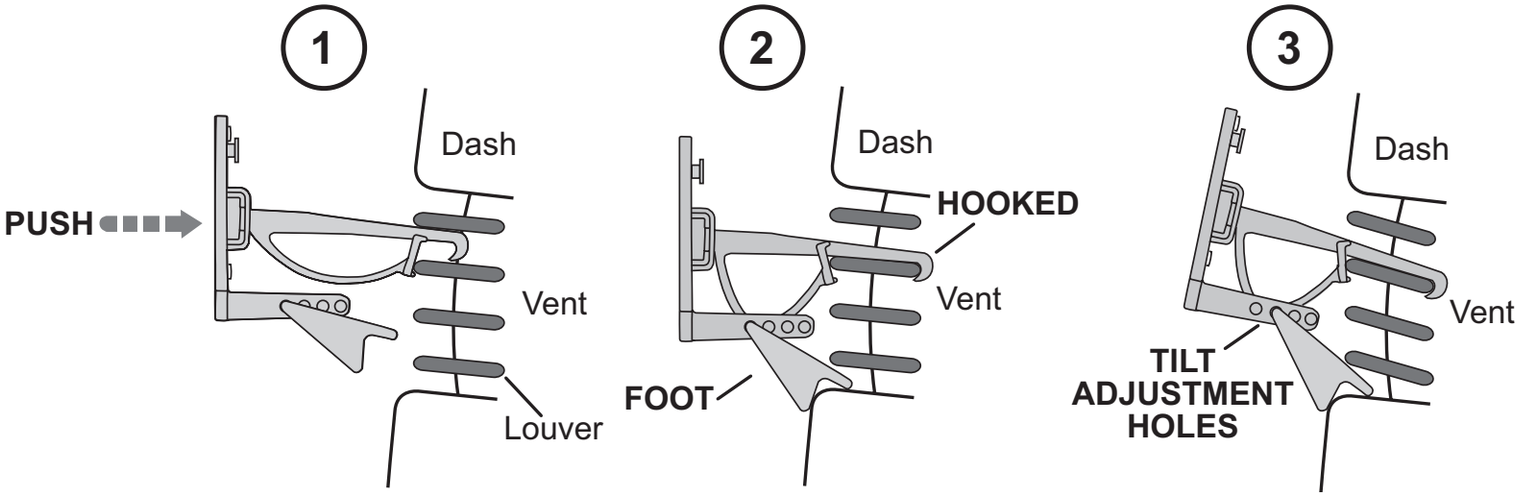


3 Attach the Vent Mount to the *Power*Connect Vehicle Dock using the provided screws.



4 Push the Vent Mount onto the vehicle vent as shown (1) until it hooks on the rear of the vent louver (2).

5 Rest the foot against the bottom of the vent (2), and adjust the tilt of the Vent Mount by repositioning the foot to a different adjustment hole (3).



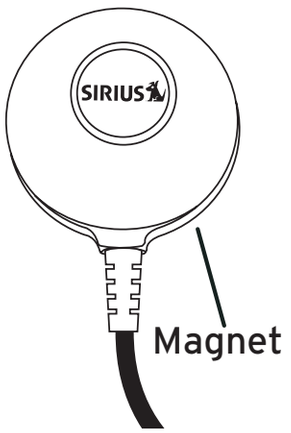
To remove the Vent Mount, push the mount into the vent. Then lift up until disengaged from the rear of the vent louver, and remove the Vent Mount.

Vehicle Installation

Step 3: Mount the Magnetic Mount Antenna

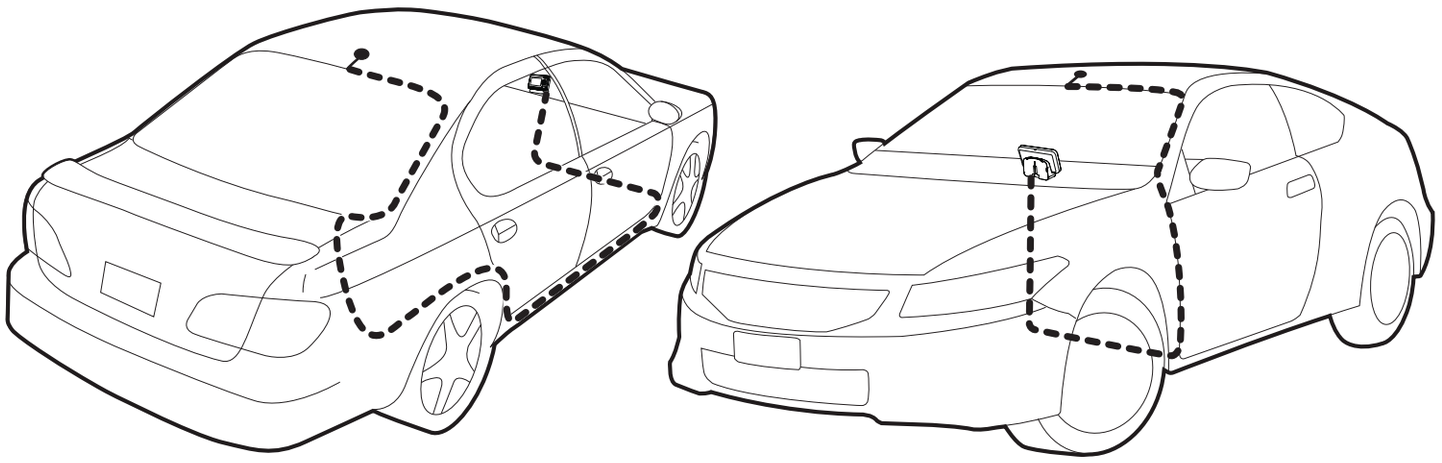
The Magnetic Mount Antenna contains a strong magnet which will stick to any metal part of your vehicle, but will not damage the vehicle.

To install the Magnetic Mount Antenna:



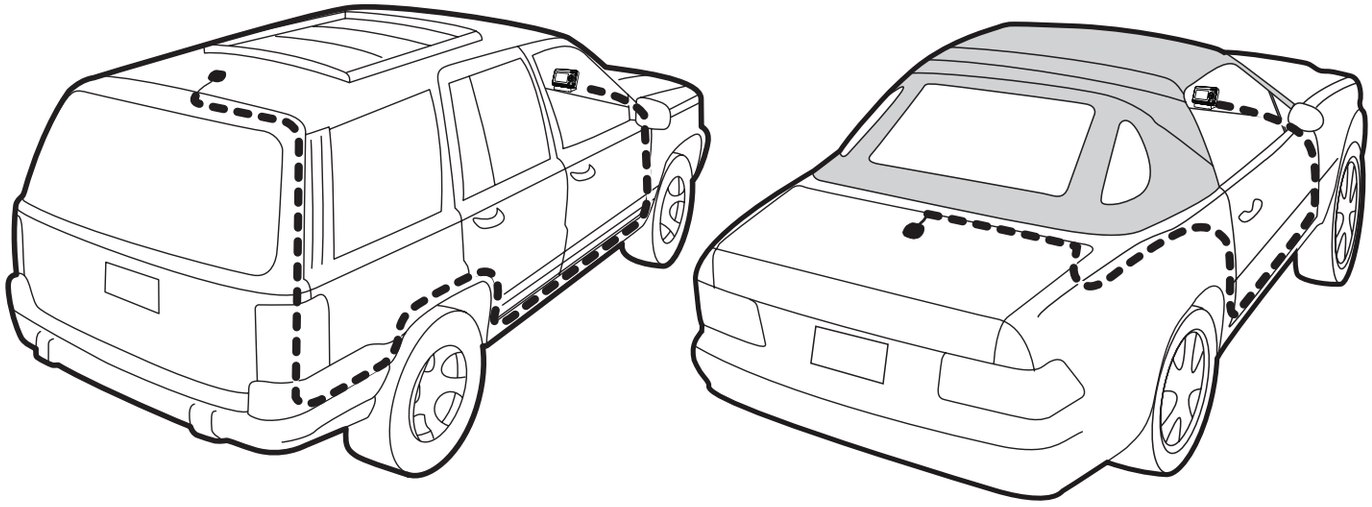
1. Choose the best location for your antenna considering your own personal situation. Pay particular attention to any accessories that you may have like luggage racks and how frequently you may use them.

   Sedan/Coupe: We recommend mounting the antenna above either the front windshield or the back window as shown.

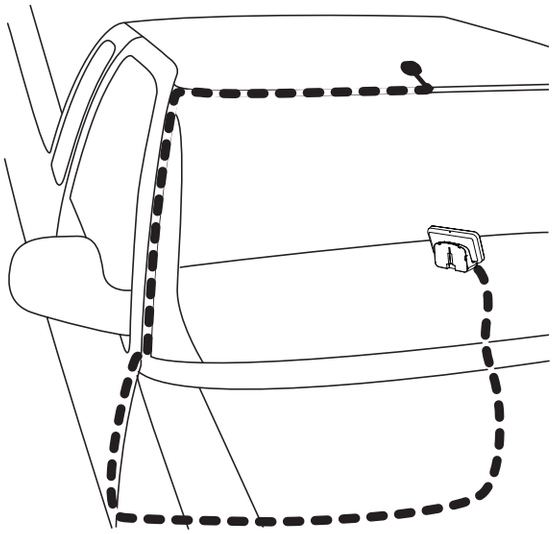


SUV: We recommend mounting the antenna at the rear of the roof as shown.

Convertible: We recommend mounting the antenna at the leading edge of the trunk as shown.

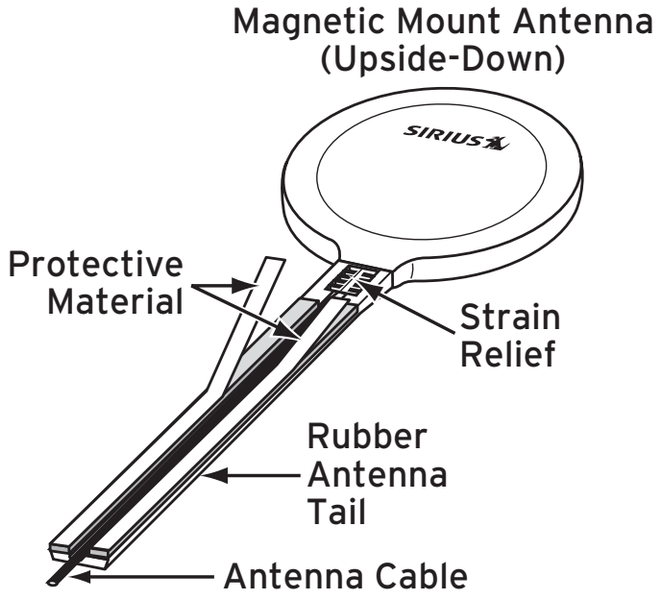


Pickup Truck: We recommend mounting the antenna above the front windshield as shown.



Vehicle Installation

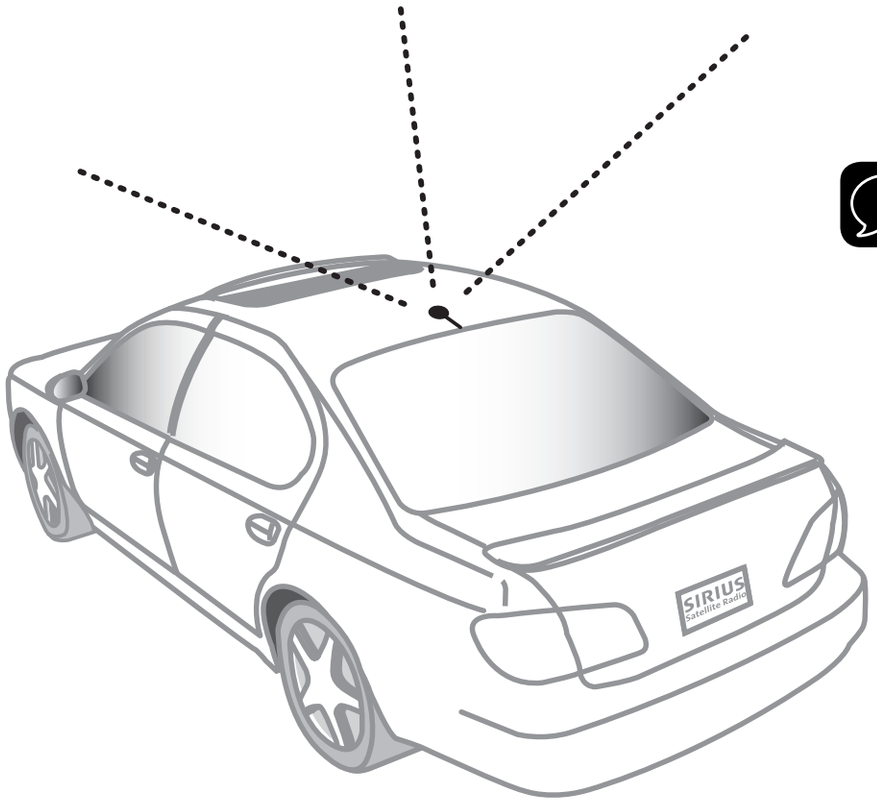
2 Attach the Rubber Tail to the antenna and press the antenna cable into the Rubber Tail. The Rubber Tail will help to position the antenna the correct distance from the edge of the roof or trunk lid.



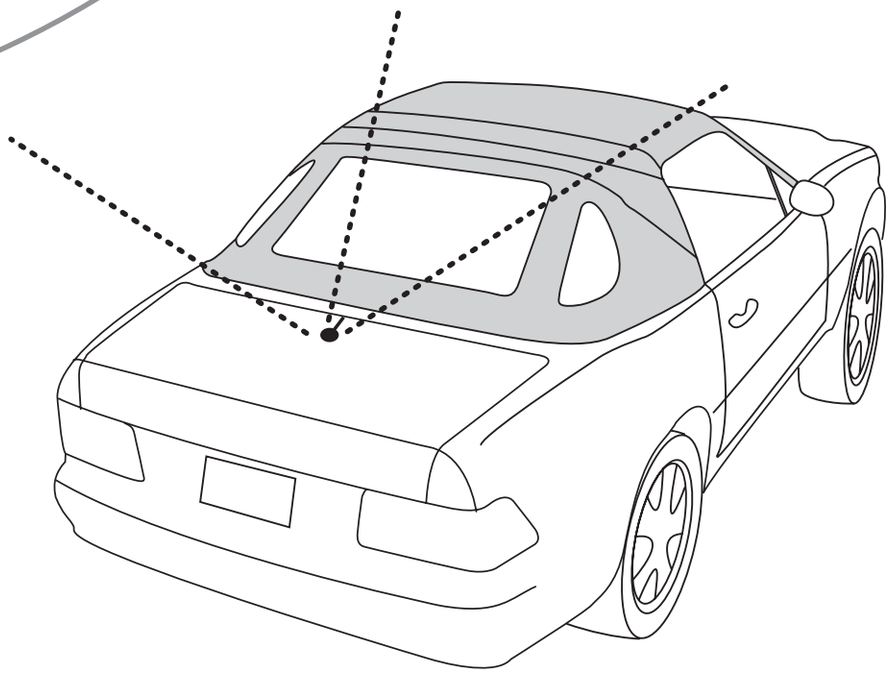
3 Clean the surface of the selected mounting location using the alcohol preparation pad and let it dry thoroughly.

4 Follow the Tips and Cautions shown on the next several pages, and place the antenna in the location you selected. Peel the protective material from the adhesive strips and press the Rubber Tail firmly into place on the vehicle.

5 Continue to press firmly down on the Rubber Tail for another 30 seconds. At room temperature (68° F), maximum adhesion usually occurs within 72 hours. During this period, avoid car washes and other contact with the antenna and the Rubber Tail.

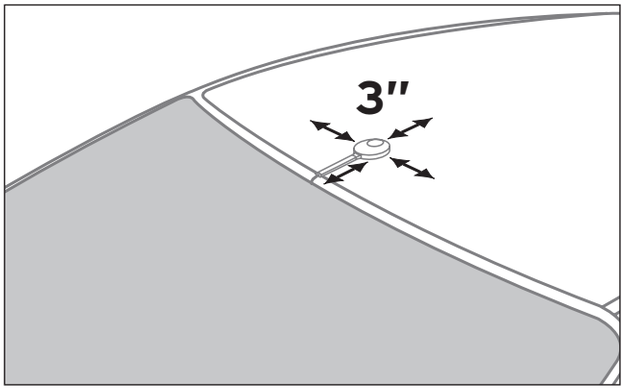


TIP! Mount the antenna on the roof (for most vehicles) or trunk (for convertibles) where it has a clear view of the sky in all directions.

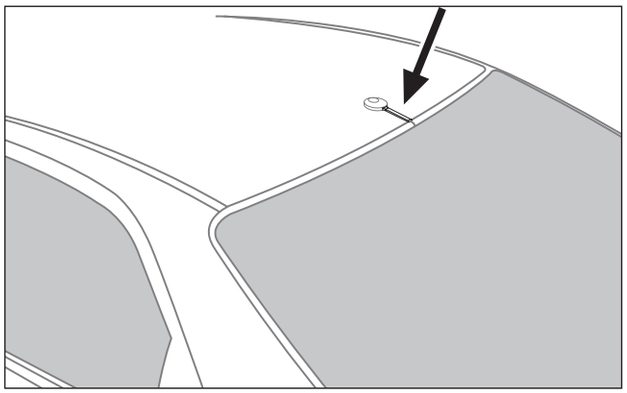


Vehicle Installation

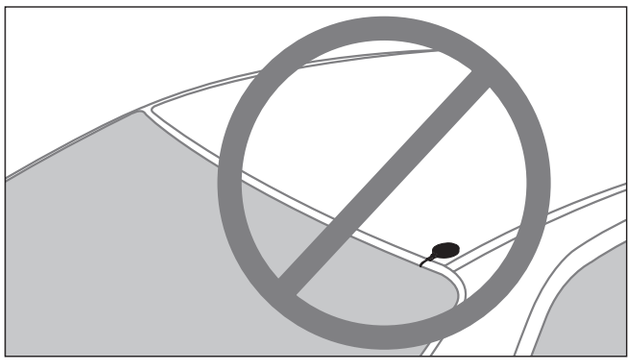
TIP! Mount the antenna on the roof where it has at least 3 inches of clear space around it.



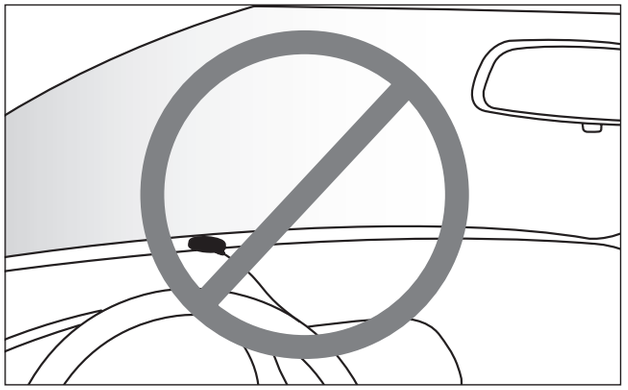
TIP! Use the supplied Rubber Tail to cover and protect the antenna cable.



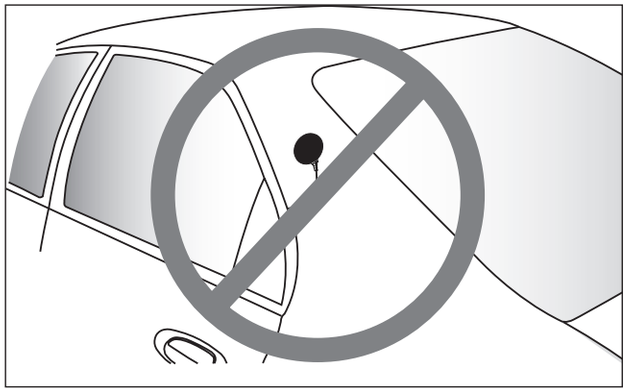
CAUTION! Don't mount the antenna closer than 3 inches from the edge of the roof. Use the supplied Rubber Tail as a guide for judging proper length and correct positioning.



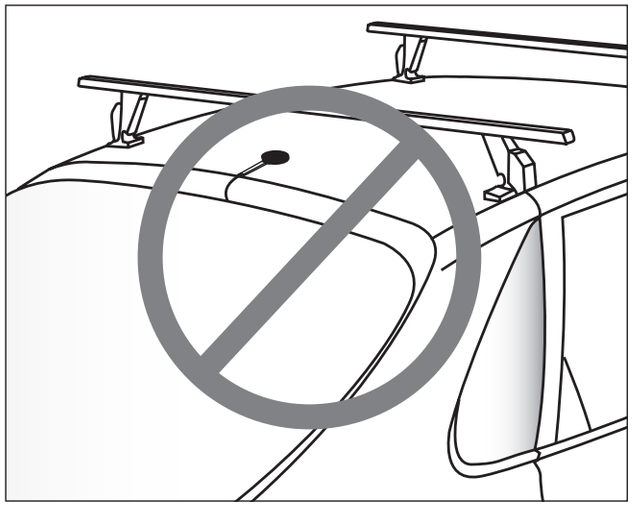
CAUTION! Don't mount the antenna inside the vehicle, for example, on the dashboard.



CAUTION! Don't mount the antenna on any of the vehicle's front, back or side pillars.

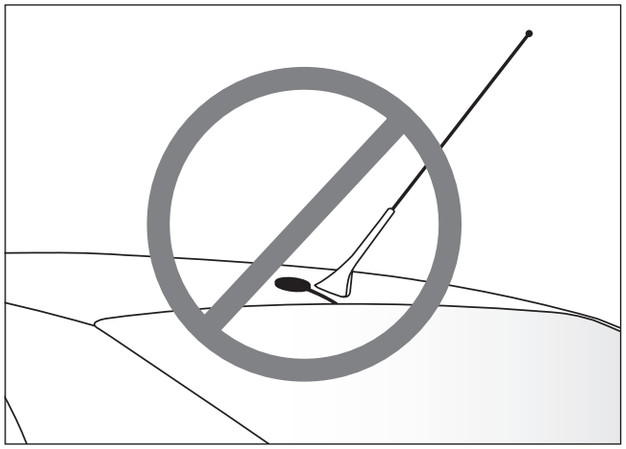


CAUTION! Don't mount the antenna close to a roof rack. Adjust the rack so it's further away from the antenna or move the antenna closer to the center of the roof.



Vehicle Installation

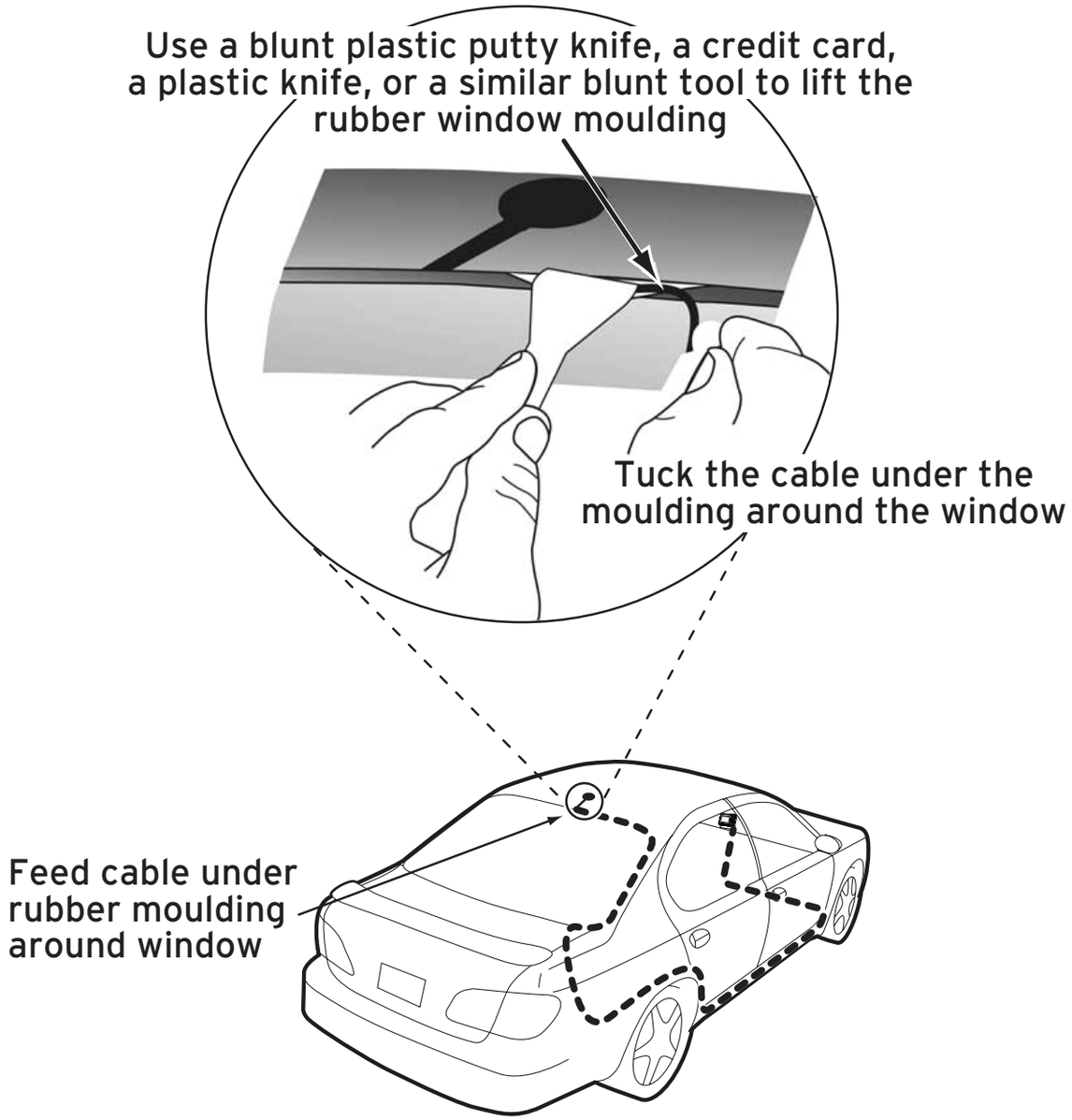
CAUTION! Don't mount the Magnetic Mount Antenna close to another antenna. Mount it at least 3 inches away.



TIP! Always be careful to include enough slack in your cable to accommodate open doors or trunk lids. Use things typically found around the home, like electrical tape, to secure cables in areas so that hinges do not pinch the cable with the door. Hide any excess cable in the trim.

Step 4: Route the Magnetic Mount Antenna Cable

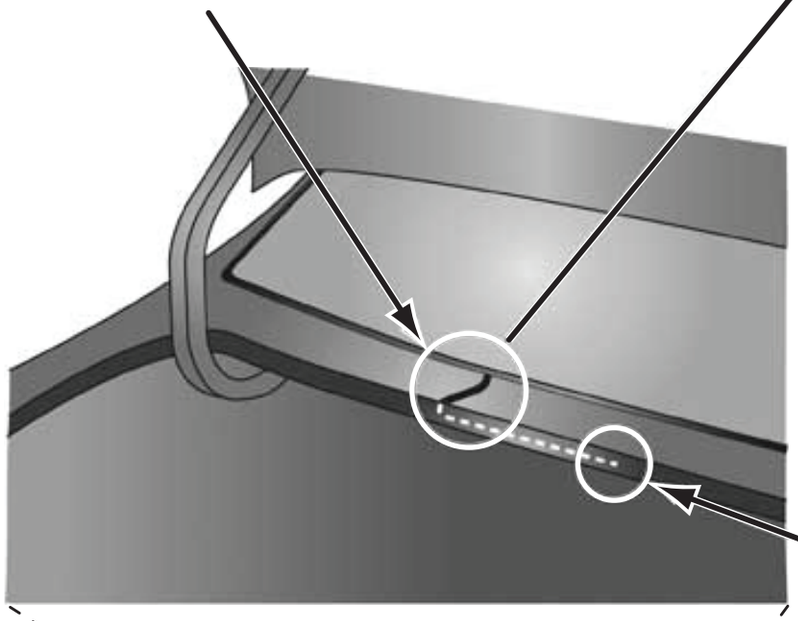
Before you begin routing the antenna cable, read these general instructions for how to route and hide the antenna cable. Then route your antenna cable according to the instructions which follow for your specific type of vehicle.

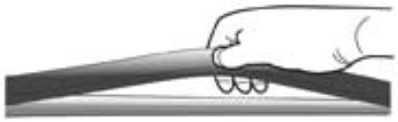

Use a blunt plastic putty knife, a credit card, a plastic knife, or a similar blunt tool to lift the rubber window moulding
Tuck the cable under the moulding around the window
Feed cable under rubber moulding around window

Vehicle Installation

Route cable out from under rear windshield moulding and tuck into weatherstripping around trunk opening

Avoid sharp bends by running cable through weatherstripping for several inches

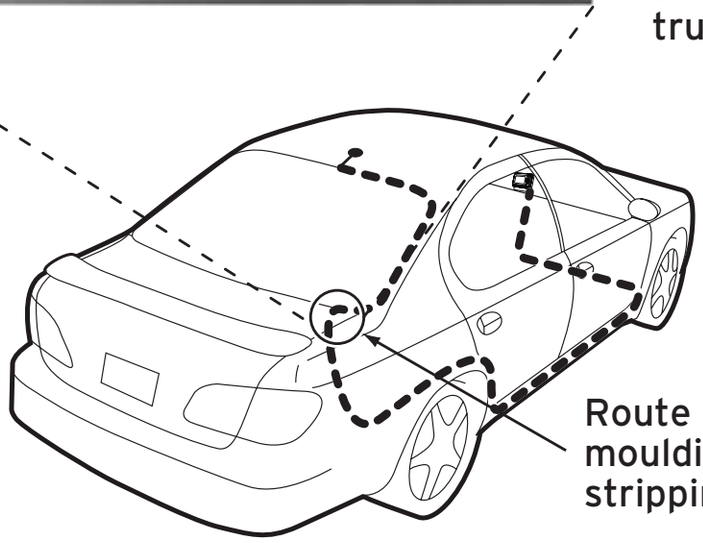




Pull weatherstripping from trunk opening

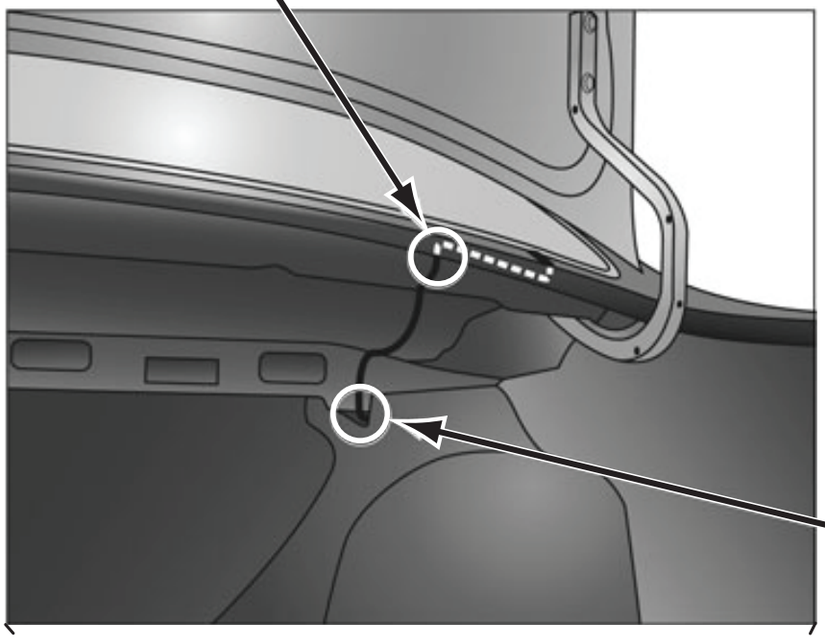
Tuck cable into weather-stripping. Route cable through weatherstripping several inches to avoid sharp bends

Pull cable out of weather-stripping and route through trunk to cabin

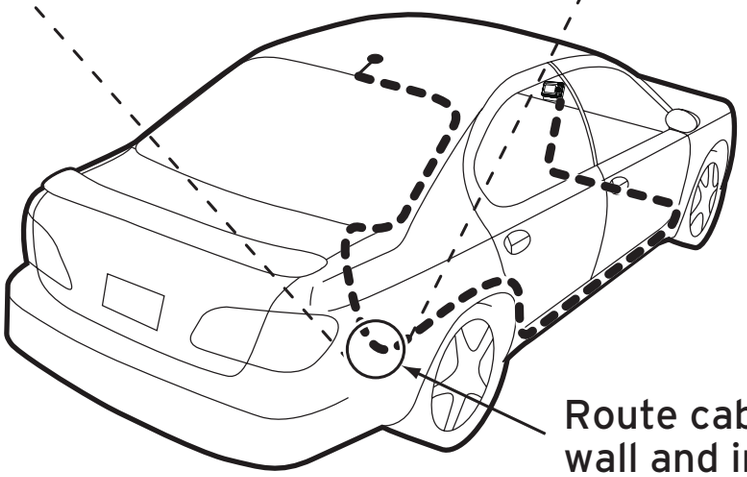


Route cable out of window moulding and into weather-stripping around trunk opening

Bring cable out of weatherstripping and into trunk

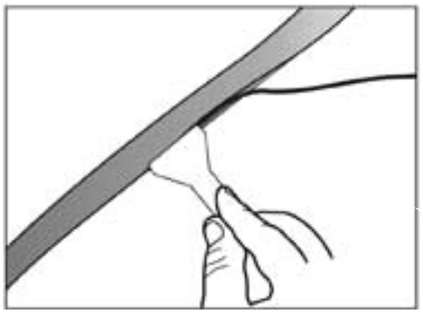


Route cable along trunk wall and into cabin through gap or conduit, along existing wiring harness

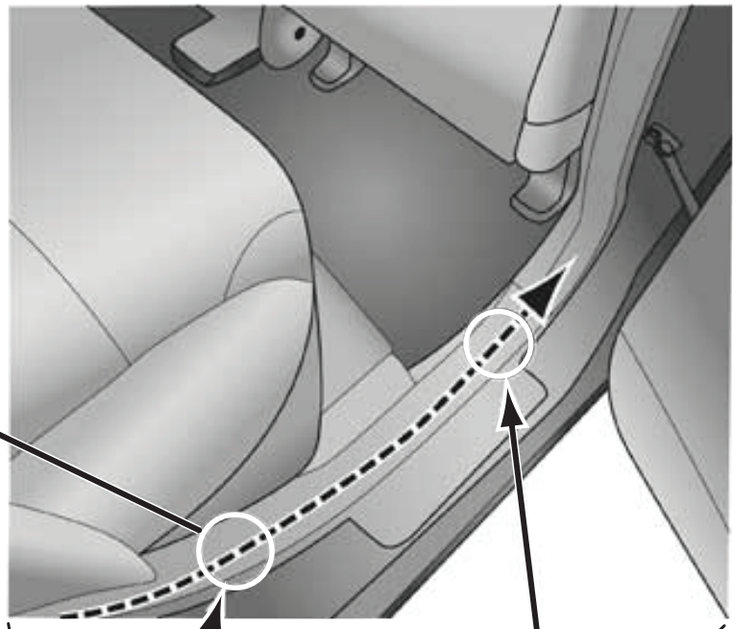


Route cable along trunk wall and into cabin

Vehicle Installation

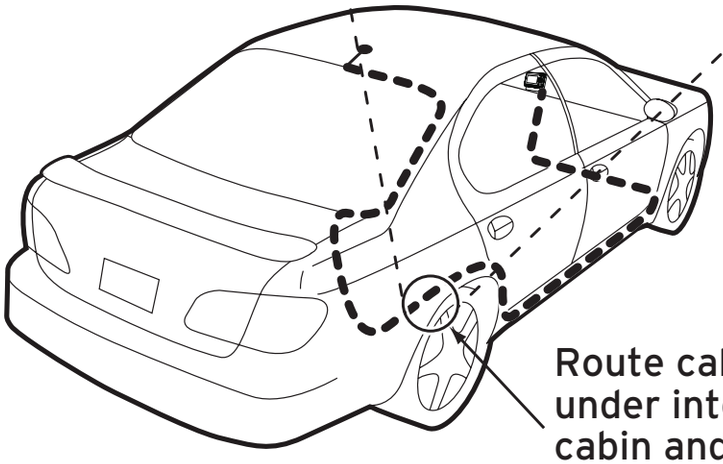


Use a blunt plastic putty knife or similar blunt tool trim and tuck cable under trim. Continue towards front of vehicle

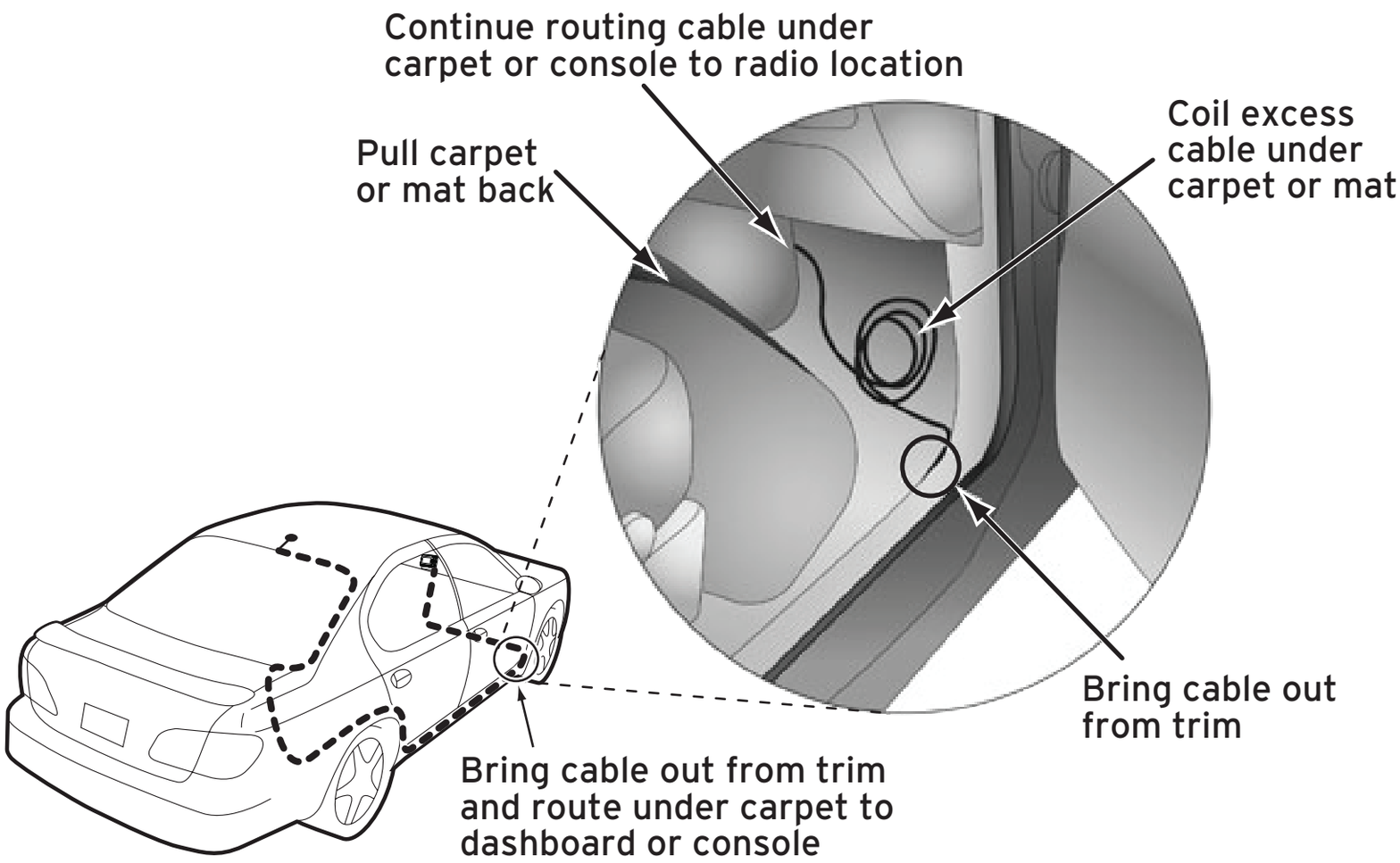


Route cable under trim or upholstery

Continue routing cable under trim or carpet towards front of vehicle



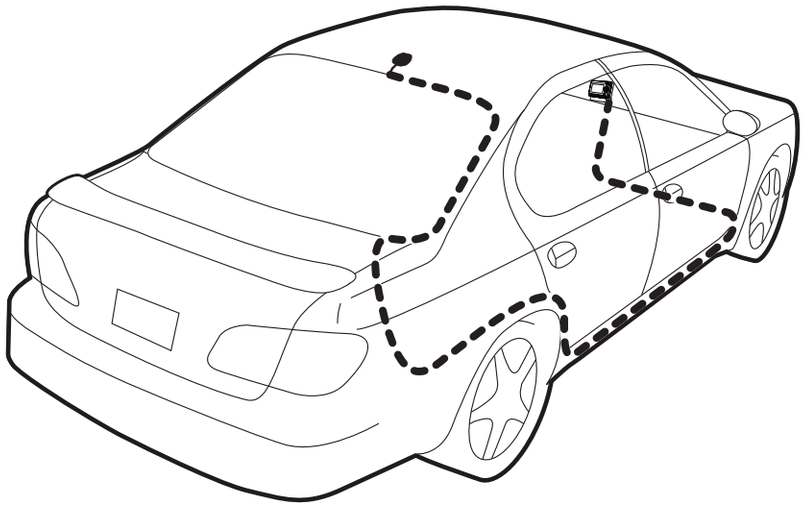
Route cable from trunk under interior trim, into cabin and towards front of vehicle


Continue routing cable under carpet or console to radio location
Pull carpet or mat back
Coil excess cable under carpet or mat
Bring cable out from trim
Bring cable out from trim and route under carpet to dashboard or console

TIP! Always be careful to include enough slack in your cable to accommodate open doors or trunk lids. Use things typically found around the home, like electrical tape, to secure cables in areas so that hinges do not pinch the cable with the door. Hide any excess cable in the trim.

Vehicle Installation

- **Sedan/Coupe With Antenna Placed at the Rear of the Roof:**
  1. Feed the antenna cable from the antenna underneath the rubber molding around the rear window. Use a blunt plastic putty knife or similar blunt tool to lift the rubber molding around the rear window and tuck the antenna cable underneath the molding. Route the antenna cable around and down the window to the lowest point. If your rear window does not have rubber molding, we recommend consulting a professional installer.
  2. Route the antenna cable out of the window molding and into the rubber weather stripping around the trunk opening. Lift the weather stripping from the opening and tuck the cable inside it, then replace the weather stripping. To avoid sharp bends in the cable, run the cable inside the weather stripping for a few inches, then remove the cable from the weather stripping inside the trunk. Keep the cable away from hinges, gears, etc., that could damage it.
  3. Route the cable out from the rubber weather stripping and along the trunk wall. Continue routing the cable into the vehicle cabin through a conduit or along an existing wiring harness.
  4. Route the cable through the main cabin



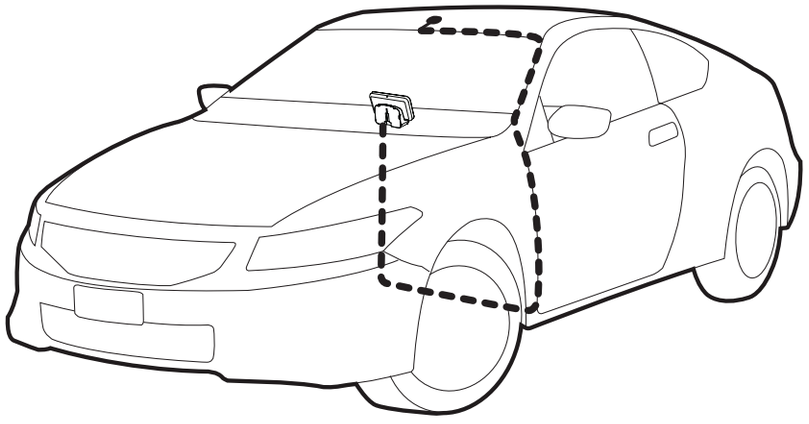
area under the interior trim, towards the front of the vehicle. Use a blunt plastic putty knife or similar blunt tool to lift the plastic trim just enough to tuck the cable under underneath. Avoid side airbag locations on back pillars and above the doors. Airbag locations are marked with "SRS" logos. Be careful not to crimp or cut the cable.

5. Bring the cable out from the trim near the front of the cabin and route it under the carpet toward the dashboard or console. Coil any excess cable in a hidden location, such as under the carpet, keeping it away from any vehicle pedals or controls. Secure the excess cable with wire ties (purchased separately).
6. Bring the end of the cable out at the *Power*Connect Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector of the dock.
7. Continue with "Step 5: Connect the Magnetic Mount Antenna and *Power*Connect Power Adapter" on page 41.

Vehicle Installation

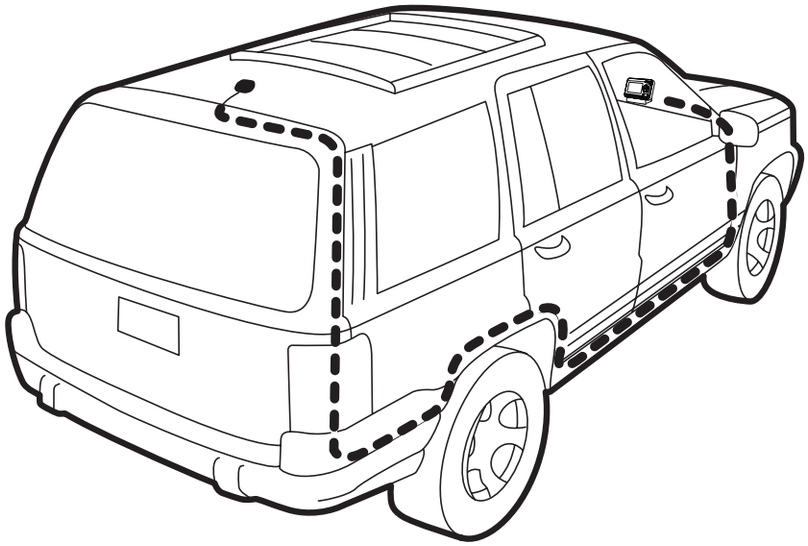
- **Sedan/Coupe With Antenna Placed at the Front of the Roof:**

  1. Feed the antenna cable from the antenna underneath the rubber molding around the windshield. Use a blunt plastic putty knife or similar blunt tool to lift the rubber molding around the windshield and tuck the antenna cable underneath the molding. Route the antenna cable around and down the windshield to the lowest point.
  2. At the lowest corner of the windshield, route the cable out of the windshield molding and into the rubber weather stripping around the door opening. Lift the weather stripping from the opening and tuck the cable inside it, then replace the weather stripping. Run the cable inside of the weather stripping to the bottom of the door opening.
  3. Pull the cable out of the weather stripping at the bottom of the door opening and route it under the carpet toward the dashboard. Coil any excess cable in a hidden location, such as under the carpet, keeping it away from any vehicle pedals or controls. Secure the excess cable with wire ties.
  4. Bring the end of the cable out at the *Power*Connect Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector of the dock.



  5. Continue with "Step 5: Connect the Magnetic Mount Antenna and *Power*Connect Power Adapter" on page 41.

- **SUV:**
  1. Feed the antenna cable underneath the rubber weather stripping of the rear tailgate window/door and route the cable along the rear hatch. Lift the weather stripping from the opening and tuck the cable inside it, then replace the weather stripping. Pull the cable out from weather stripping and route it into the cabin under the interior trim. Avoid hinges or gears that could crimp or cut the cable.
  2. Route the cable through the SUV's main cabin area under the interior trim, towards the front of the vehicle. Use a blunt plastic putty knife or similar blunt tool to lift the plastic trim just enough to tuck the cable under underneath. Avoid side airbag locations on back pillars and above the doors. Airbag locations are marked with "SRS" logos. Be careful not to crimp or cut the cable.
  3. Bring the cable out from the trim near the front of the cabin and route it under the carpet toward the dashboard or console. Coil any excess cable in a hidden location, such as under the carpet, keeping it away from any vehicle pedals

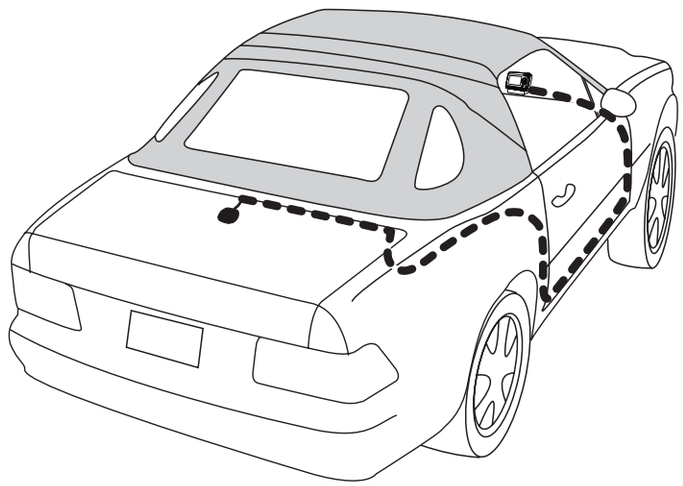


or controls. Secure the excess cable with wire ties (purchased separately).

4. Bring the end of the cable out at the *Power*Connect Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector of the dock.
5. Continue with "Step 5: Connect the Magnetic Mount Antenna and *Power*Connect Power Adapter" on page 41.

- **Convertible:**

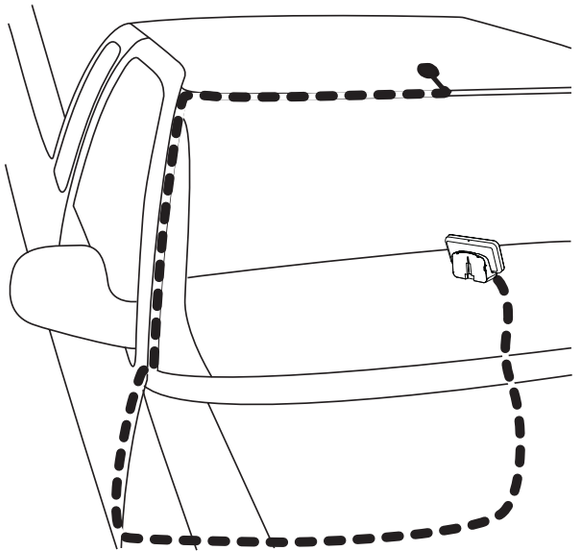
1. Bring the antenna cable from the antenna into the trunk at the front edge of the trunk lid. Keep any bends in the cable loose. Tape or tie the cable along the inside of the trunk lid to the trunk lid hinge strut.
2. Allow enough slack in the cable so the trunk lid can easily open and close and keep the cable away from hinges, gears, etc., that could crimp or cut it. Route the cable along the trunk wall and into the cabin through a conduit or along an existing wiring harness.
3. Route the cable through the main cabin area under the interior trim, towards the front of the vehicle. Use a blunt plastic putty knife or similar blunt tool to lift the plastic trim just enough to tuck the cable under underneath. Avoid side airbag locations on back pillars and above the doors.



Airbag locations are marked with "SRS" logos. Be careful not to crimp or cut the cable.

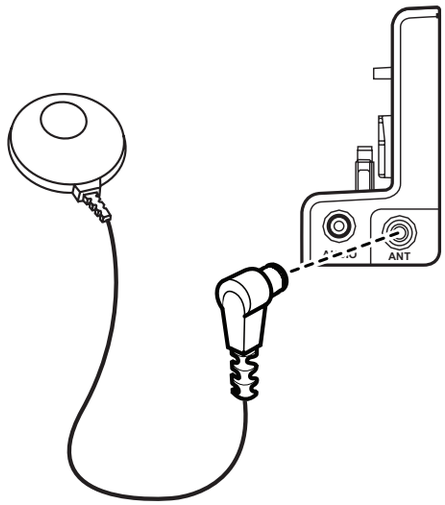
4. Bring the cable out from the trim near the front of the cabin and route it under the carpet toward the dashboard or console. Coil any excess cable in a hidden location, such as under the carpet, keeping it away from any vehicle pedals or controls. Secure the excess cable with wire ties (purchased separately).
5. Bring the end of the cable out at the *Power*Connect Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector of the dock.
6. Continue with "Step 5: Connect the Magnetic Mount Antenna and *Power*Connect Power Adapter" on page 41.

- **Pickup Truck:**
  1. Use a blunt plastic putty knife or similar blunt tool to lift the rubber molding around the windshield and tuck the antenna cable underneath it.
  2. Continue tucking the cable underneath the windshield molding around the windshield to the lowest corner.
  3. At the lowest corner of the windshield, route the cable out of the windshield molding and into the rubber weather stripping around the door opening. Lift the weather stripping from the opening and tuck the cable inside it, then replace the weather stripping. Run the cable inside of the weather stripping to the bottom of the door opening.
  4. Pull the cable out of the weather stripping at the bottom of the door opening and route it under the carpet toward the dashboard. Coil any excess cable in a hidden location, such as under the carpet, keeping it away from any vehicle pedals or controls. Secure the excess cable with wire ties.
  5. Bring the end of the cable out at the *Power*Connect Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector of dock.
  6. Continue with "Step 5: Connect the Magnetic Mount Antenna and *Power*Connect Power Adapter" on page 41.

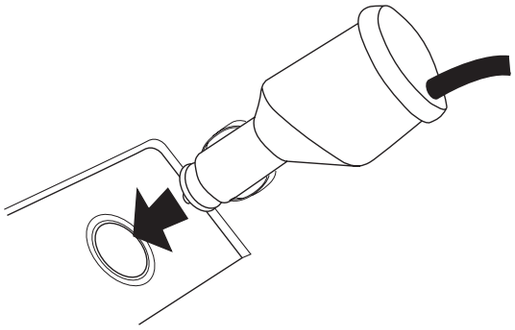


Step 5: Connect the Magnetic Mount Antenna and *Power*Connect Power Adapter

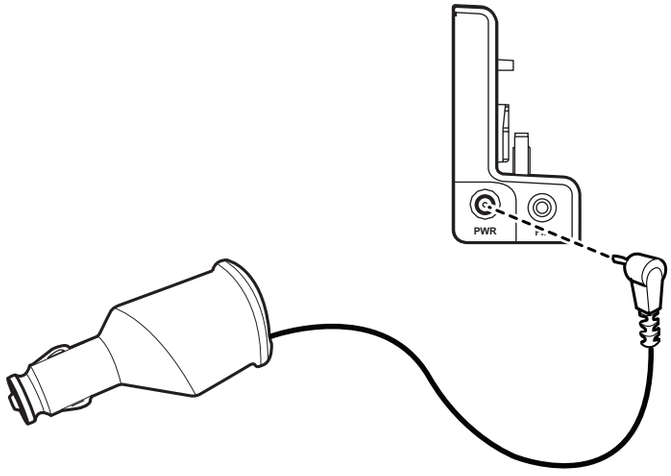
1 Plug the Magnetic Mount Antenna into the **silver ANT** connector on the *Power*Connect Vehicle Dock.



2 Insert the *Power*Connect Power Adapter into your vehicle's cigarette lighter or power adapter socket.



3 Plug the *Power*Connect Power Adapter into the **red PWR** connector on the dock.



Step 6: Connect the Audio

To play audio through your vehicle's stereo or FM radio, decide on one of the following audio connection options:

- **Option 1: Best:** Use the included **Aux In Cable** if your vehicle's stereo system has an auxiliary input connection. Refer to your vehicle's owners manual to find the location of the auxiliary input jack, or consult the vehicle dealer.

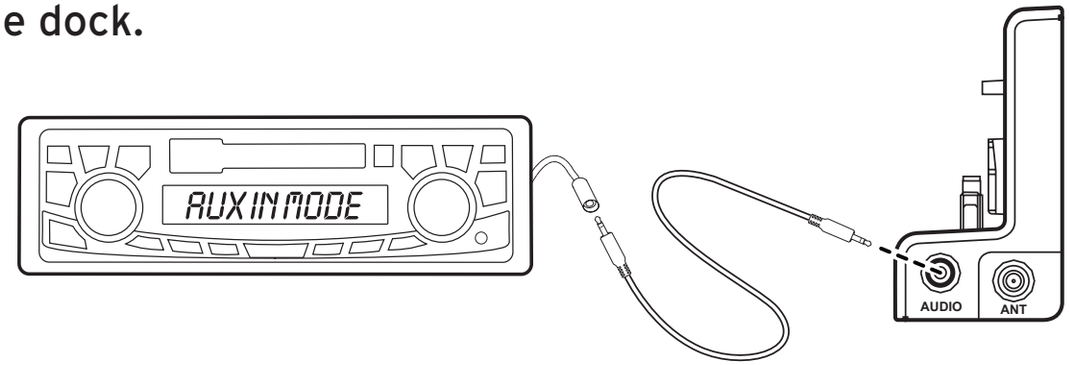
TIP! The auxiliary input jack may be located on the face plate of the vehicle radio, on the back of the radio, anywhere on the front dash panel, inside the glove compartment, or inside the center console in between the front seats.

- **Option 2: Better**: Use a **Cassette Adapter** if your vehicle has a built-in cassette player. Cassette Adapters are sold separately and can be purchased from an electronics retailer, or go to sirius.com/accessories.
- **Option 3: Good:** Use the ***Power*Connect** feature in the Starmate 5. *Power*Connect plays the audio through your vehicle's FM radio.
- **Option 4: Best:** Use the **FM Direct Adapter**. If none of the previous three audio connection options will work in your vehicle, then you will need to use the FM Direct Adapter (FMDA) (sold separately). The FMDA needs to be installed by a professional installer and directly connects your radio to your vehicle's FM radio. To learn more, check with the retailer where you bought your radio, or go to sirius.com/accessories.

Follow the installation instructions in the next several sections for the audio connection option that you have selected.

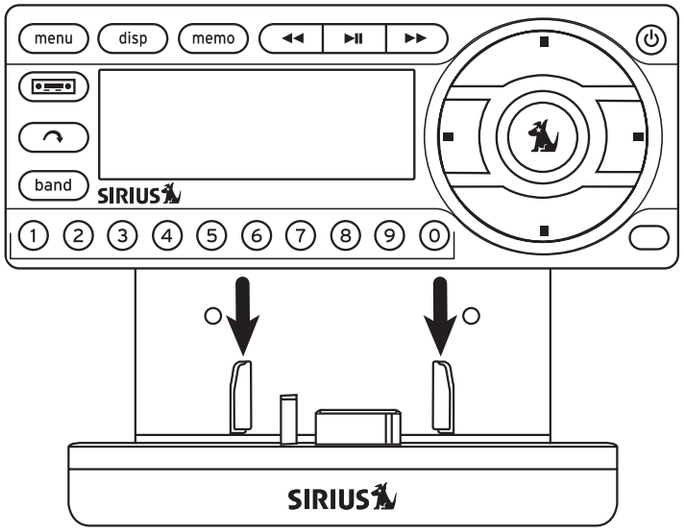
Option 1: Aux In Cable Installation Instructions

1 Plug one end of the Aux In Cable into the **green AUDIO** connector on the dock.

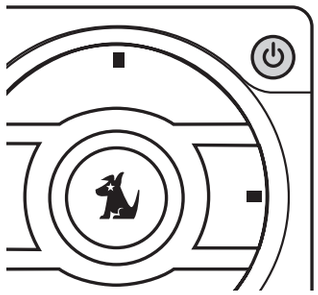


2 Plug the other end into the auxiliary input jack connection of your vehicle's stereo system.

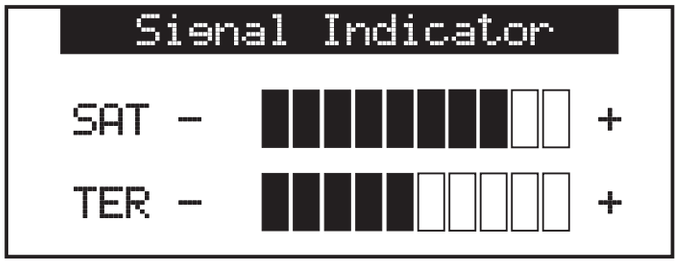
3 Insert your Starmate 5 into the dock, aligning the radio against the rear of the dock so that the rails on the dock fit into the mounting slots in the back of the radio.



4 Power on your Starmate 5 by pressing the **Power button**.



5 Be sure the vehicle is outside and the antenna has a clear view of the sky. Verify that you are receiving the SIRIUS signal. There should at least be one bar on the bottom left corner of the main display screen that denotes antenna signal strength. You can also press **menu** and then press the **Down button** to scroll and highlight **Signal Indicator**. Press the **Select button**. The Satellite and Terrestrial bars show the strength of the signal being received. If the signal reception is good, press and hold **menu** to return to the main display screen.



6 Ensure that the Starmate 5 is tuned to channel 184. Upon power up, the Starmate 5 should tune to channel 184 by default, when it's not yet activated. If it's not on channel 184, refer to "Listening to Satellite Radio" on page 65 to learn about how to tune a channel.

7 Turn on your vehicle's stereo system. Set it to play input from the auxiliary input source.

8 You should hear SIRIUS channel 184 through your vehicle's stereo system. You are now ready to activate your Starmate 5.

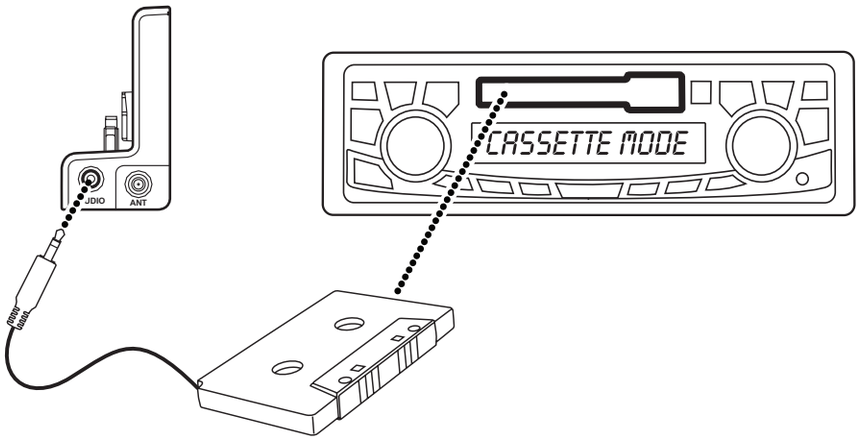
9 The audio level output of the Starmate 5 can be increased or decreased as necessary to match the audio levels of other sources in your vehicle. Refer to "Audio Level" on page 100.

If the signal reception is good, but there is no audio when tuned to channel 184, be sure the vehicle's stereo system is set to the correct source, i.e., auxiliary input source (step 7). Also be sure that the audio level is set high enough to be heard (step 9). Refer to "Troubleshooting" on page 112 for additional help.

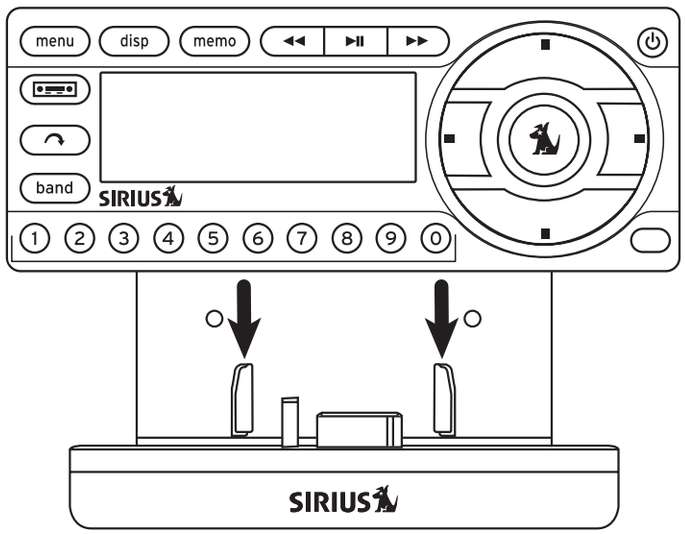
Vehicle Installation

Option 2: Cassette Adapter Installation Instructions

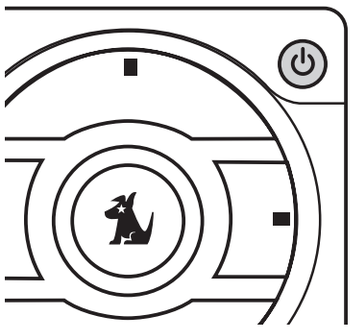
1. Plug the Cassette Adapter into the **green AUDIO** connector on the dock.
2. Insert the Cassette Adapter in the vehicle's cassette deck. You may need to turn on your vehicle's stereo system in order to do so.



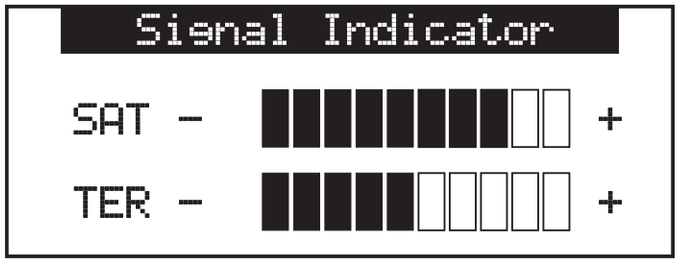
3. Insert your Starmate 5 into the dock, aligning the radio against the rear of the dock so that the rails on the dock fit into the mounting slots in the back of the radio.



4 Power on your Starmate 5 by pressing the **Power button.**



5 Be sure the vehicle is outside and the antenna has a clear view of the sky. Verify that you are receiving the SIRIUS signal. There should at least be one bar on the bottom left corner of the main display screen that denotes antenna signal strength. You can also press **menu** and then press the **Down button** to scroll and highlight **Signal Indicator.** Press the **Select button.** The Satellite and Terrestrial bars show the strength of the signal being received. If the signal reception is good, press and hold **menu** to return to the main display screen.



6 Ensure that the Starmate 5 is tuned to channel 184. Upon power up, the Starmate 5 should tune to channel 184 by default, when it's not yet activated. If it's not on channel 184, refer to "Listening to Satellite Radio" on page 65 to learn about how to tune a channel.

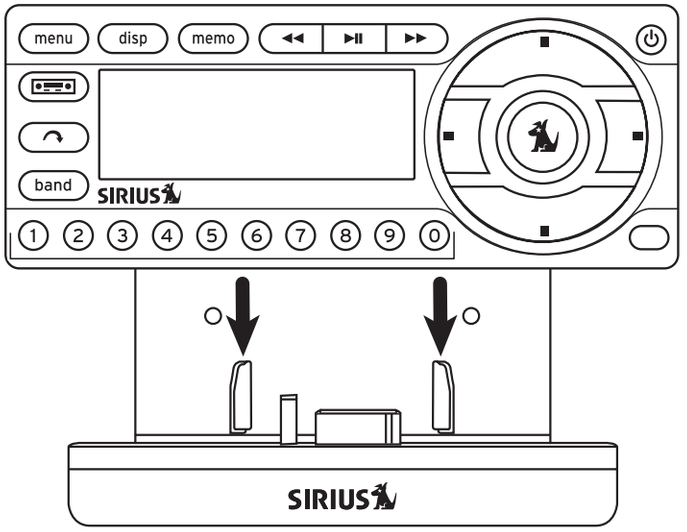
7 If you haven't done so, turn on your vehicle's stereo system. Set it to play input from the cassette source.

8 You should hear SIRIUS channel 184 through your vehicle's stereo system. You are now ready to activate your Starmate 5.

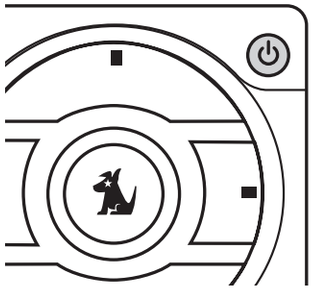
9 The audio level output of the Starmate 5 can be increased or decreased as necessary to match the audio levels of other sources in your vehicle. Refer to "Audio Level" on page 100.

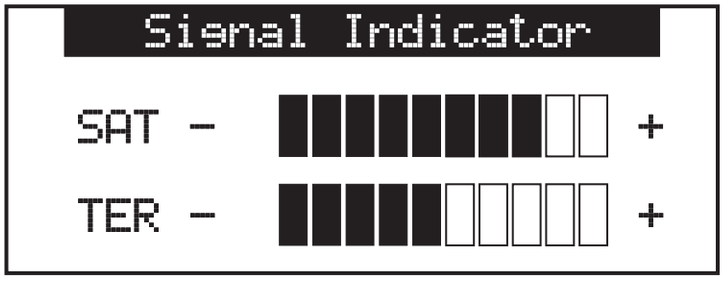
If the signal reception is good, but there is no audio when tuned to channel 184, be sure the vehicle's stereo system is set to the correct source, i.e., cassette source (step 7). Also be sure that the audio level is set high enough to be heard (step 9). Refer to "Troubleshooting" on page 112 for additional help.

Option 3: *Power*Connect Installation Instructions



1. Insert your Starmate 5 into the dock, aligning the radio against the rear of the dock so that the rails on the dock fit into the mounting slots in the back of the radio.
2. Power on Starmate 5 radio by pressing the **Power button**.
3. Be sure the vehicle is outside and the antenna has a clear view of the sky. Verify that you are receiving the SIRIUS signal. There should at least be one bar on the bottom left corner of the main display screen that denotes antenna signal strength. You can also press **menu** and then press the **Down button** to scroll and highlight **Signal Indicator**. Press the **Select button**. The Satellite and Terrestrial bars show the strength of the signal being received. If the signal reception is good, press and hold **menu** to return to the main display screen. You are ready to make the audio connection.





4 You'll first need to find an available FM channel. An available FM channel is one that's not being used by an FM radio station in your area. When you tune your FM radio to an available channel, you should only hear static or silence – not talk or music. We recommend one of the following methods to find an available FM channel:

a. Use the SIRIUS|XM FM Channel Finder at **www.sirius.com/fmchannel**. Go to the website and enter your zip code. The Channel Finder will suggest a list of available FM channels in your area. For convenience, write down or print out the list.

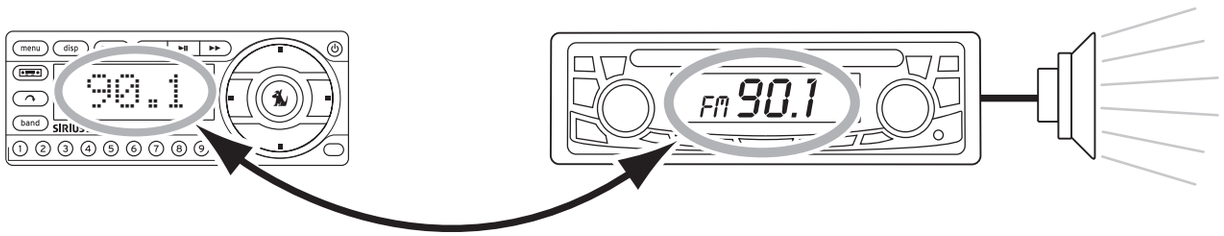
OR

b. Manually tune through your local FM channels on your vehicle's FM radio. Locate and create a list of channels that aren't being used by any FM radio station. Write down the list. Once you have created your list of available FM channels, you will need to find the one that provides the best match for your Starmate 5.

TIP! You'll need to use the 'Manual' tune function on your vehicle's FM radio to tune through every FM channel one-by-one. Turn on your vehicle's FM radio. Start at 88.1 and use the 'Manual' tune function on your vehicle's FM radio to tune through each FM channel one-by-one (88.1 followed by 88.3 etc.) to locate channels that aren't being used by a local FM radio station. Write down each FM channel that has only static or silence on it, until you reach 107.9.

5 Ensure that the Starmate 5 is tuned to channel 184. Upon power up, the Starmate 5 should tune to channel 184 by default, when it's not yet activated. If it's not on channel 184, refer to "Listening to Satellite Radio" on page 65 to learn about how to tune a channel.

6 Pick the first FM channel on your list from step 4. Turn on your vehicle's FM radio (if you have not already done so) and tune it to this FM channel.



MATCH FM CHANNELS

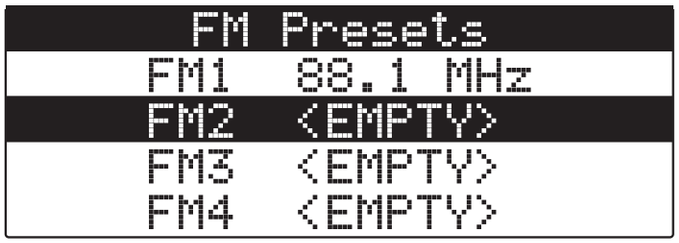
7 Set your Starmate 5 to transmit on the same FM channel that you have selected in step 4:

i. Press **menu.**

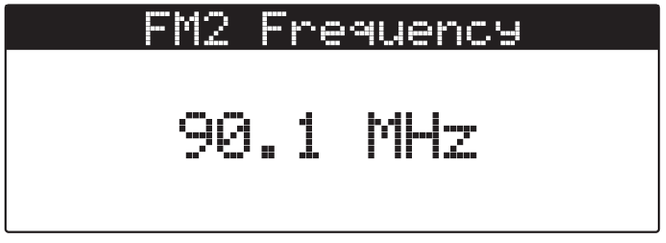
ii. Press the **Down button** to scroll and highlight **FM Transmitter** and press the **Select button.**

iii. **FM Presets** will be highlighted. Press the **Select button.**

iv. Press the **Down button** to scroll and highlight the storage location FM2. Press the **Select button.**

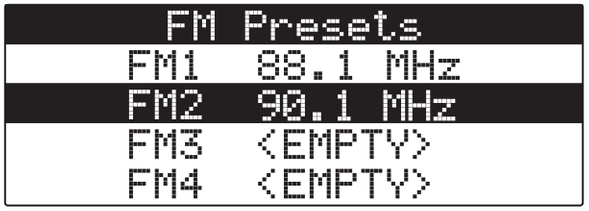


v. Tune to the FM channel you found in step 3. Press the **Up** or **Down button** to tune in steps of .2, i.e., 99.3 to 99.5. Press the **Left** or **Right button** to tune in steps of 1, i.e., 99.3 to 100.3. When the



desired FM channel is displayed on screen, press the **Select button** to select the FM channel.

vi. The FM channel you selected will be confirmed on the display screen. The Starmate 5 will tune to the FM channel.



8 You should hear SIRIUS channel 184 through your vehicle's FM radio. If you are satisfied with the sound quality, you're done! You are now ready to activate your Starmate 5.

9 If the selected FM channel doesn't work well for you, work down the list of FM channels until you find one that allows you to hear SIRIUS clearly. Each time, you will need to tune your vehicle's FM radio to the FM channel and then set your Starmate 5 to transmit on the same FM channel (steps 6 & 7).

If the signal reception is good, but there is no SIRIUS audio when tuned to channel 184, verify that both the radio and your vehicle's FM radio are tuned to the same FM channel (steps 6 & 7). Also ensure the chosen FM channel is a suitable one to use in your area (step 4). Verify that nothing is plugged into the **AUDIO** connector on the *Power*Connect Vehicle Dock. Refer to "Troubleshooting" on page 112 for additional help.

Option 4: FM Direct Adapter (FMDA) Installation

The FMDA needs to be installed by a professional installer. Professional installation can help improve your radio's reception and significantly reduce the visibility of wires. To learn more, check with the retailer where you bought your radio, or go to sirius.com/accessories.

Activation

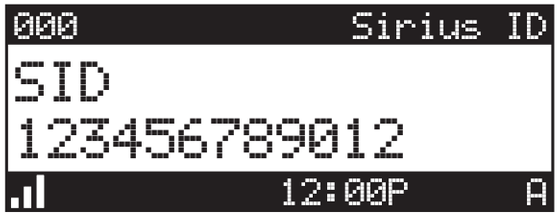
Activation

Before you can enjoy Commercial-Free Music, plus Sports, News, Talk & Entertainment, you need to activate your Starmate 5:

1. Make sure your Starmate 5 is properly installed, turned on, and receiving the SIRIUS signal so that you can hear the audio on channel 184.

2. When you first turn on the Starmate 5, after the startup sequence, the SIRIUS channel lineup may update. Wait until any channel updates have completed before pressing any buttons. Once the channels have been updated, the radio will automatically tune to channel 184.

3. Make a note of the SIRIUS ID. You can find it:
   - on channel 0 (zero)
   - on a label on the bottom of the gift box
   - on the label on the back of your Starmate 5.



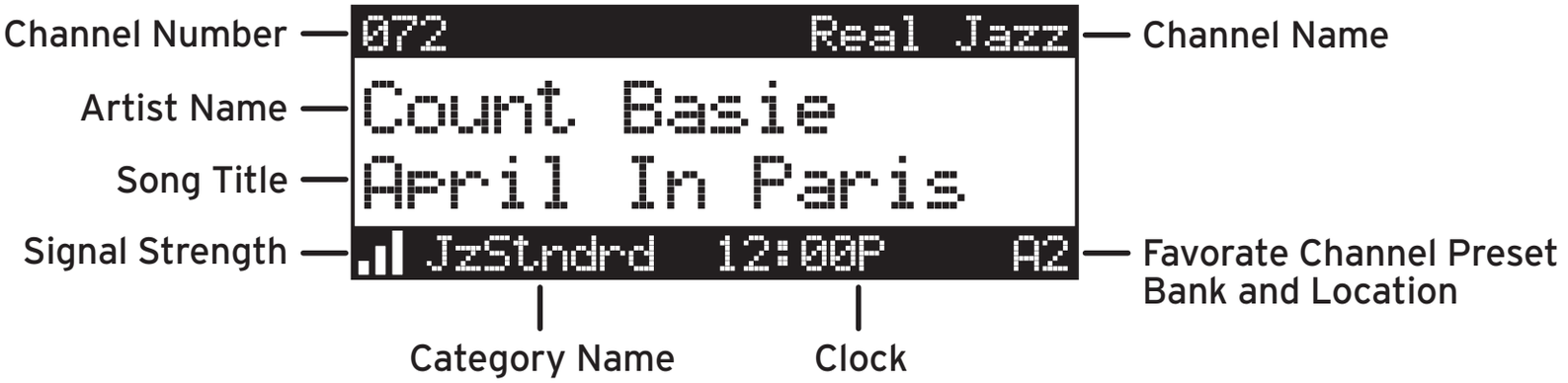
4. Activate your service:
   - Online: Go to **www.sirius.com** and click on "Install and Activate"
     OR
   - By phone: Call 1-888-539-SIRIUS (1-888-539-7474)

5 When your service is activated, your Starmate 5 will display an alert message. To continue, press any button. Thereafter, if you press the **Up** or **Down button** you can scroll and tune other channels. Activation usually takes less than 5 minutes, but sometimes may take longer. We recommend that your radio remain on until activated.

Using Your Starmate 5

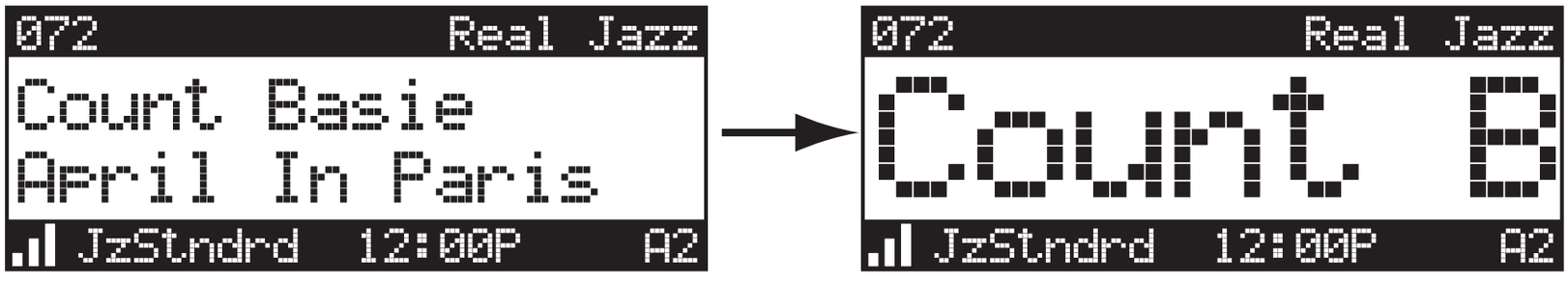
The Main Display

Whenever you power your Starmate 5 On, it will automatically tune to the last channel you were listening to before it was powered Off. The Starmate 5's display screen will show the channel number, artist name, the song or show being played, channel name and category name of the current channel. This screen is referred to as the main display screen in this guide.



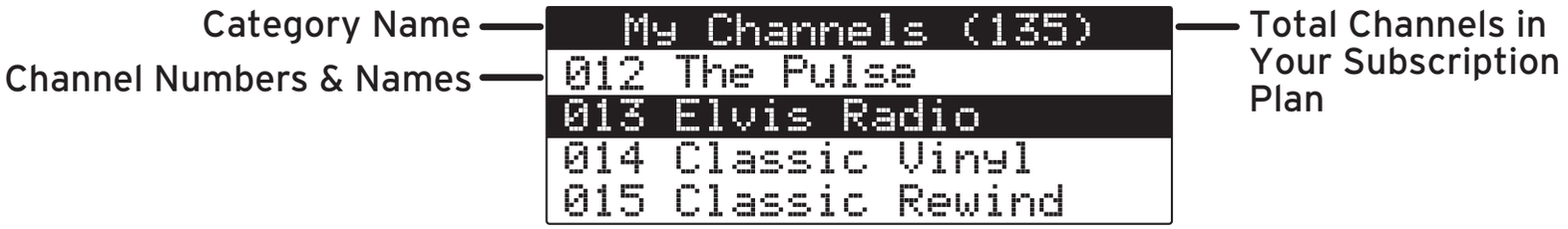
Changing the Display Mode

Pressing and releasing **disp** while the main display screen is displayed toggles between the 2-line artist name/song title text and large character displayed text. The large character format will change the character size and cause the field to scroll from right to left. This feature is useful when viewing the display screen from a distance. Note that the displayed text will scroll only if the length of the artist or title cannot be viewed in its entirety.



My Channels

Channels are organized into categories to make it easier for you to find the ones that suit your taste. My Channels is a special category that displays the channels contained in your subscription plan. Pressing and holding **disp** will activate the **My Channels** screen.



When the **My Channels** screen is active, the Starmate 5 displays a listing of all your subscribed channel numbers and names. Repeated momentary pressing and releasing of **disp** will sequence the display between listings of artist names, song titles, and back to channel names. For sports channels, pressing **disp** will toggle between the team/driver names and the current score of any live play-by-play game or the standings in a race being run.

Press the **Up** or **Down button** to scroll through the available subscribed channels. Press the **Select button** to tune to the highlighted channel. The new channel will begin playing and the display will revert to the main display screen for the new channel.

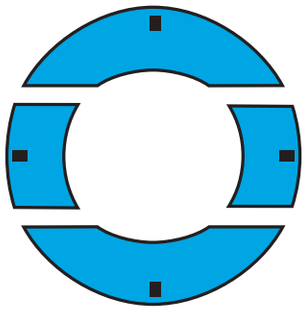
To exit the **My Channels** screen without changing to a different channel and return to the main display screen, press and hold **disp**.

Navigation Basics

Power Button

Pressing the **Power button** turns the Starmate 5 On or Off.

Navigation Buttons



Press the **Left**, **Right**, **Up**, and **Down** buttons to navigate through various features and functions of Starmate 5.

- **Left/Right button:** Displays the channel categories such as Rock, Pop, Sports, Talk/New etc. Repeated presses cycle through the categories one at a time. Decreases or increases the settings of various menu options such as Brightness, Audio Level, etc.
- **Up/Down button (press and release):** Immediately tunes to the next or previous channel in the channel lineup. Scrolls through lists and highlights an item in the list.
- **Up/Down button (press and hold):** Continuously scrolls through any list. While on the main display screen, continuously scrolls through the channel lineup and briefly displays the information of each channel. When the button is released, radio tunes to the last channel it had scrolled to in the channel lineup.

Select Button

The **Select button** selects a highlighted item and confirms settings. At the main display screen, pressing the **Select button** prompts for the entry of a channel number using the number buttons. Once the channel number is entered, the radio directly tunes to the new channel. At the main display screen, pressing and holding the **Select button** tunes to the previous channel that was being played.

Display Button

Pressing **disp** while in the main display screen changes the display mode between 2-line artist name/song title text and large character displayed text. Pressing and holding **disp** while in the main display screen enters the My Channels category.

FM Button

FM provides easy tuning of FM presets for optimized *Power*Connect performance. Repeatedly pressing **FM** displays and cycles through the list of preset FM channels one at a time. The radio automatically tunes to the displayed FM channel.

Menu Button

Pressing **menu** displays various options to make setup and feature changes. Pressing **menu** when in **Menu Options** returns to the previous menu option screen until **Menu Options** is exited. Pressing and holding **menu** when in **Menu Options** returns to the main display screen.

Jump Button

Depending on how it is configured, pressing **jump** either tunes to the channel broadcasting traffic and weather conditions of a selected city, from a list of the 20 most congested cities, or tunes to a favorite channel. Pressing it again returns it to the original channel.

Number Buttons

Each number button stores a favorite channel in its button location and provides one touch access to it afterward. Number buttons also directly tune to a channel when the channel number is entered after pressing the **Select button** while in the main display screen.

Memo Button

Pressing and releasing **memo** saves artist names and song titles. Up to 30 artist/song title combinations plus one sports team/car can be stored in memory. Pressing and holding **memo** enters the recall mode, displaying the stored artist/song titles.

Pause and Replay Buttons

Replays approximately 44 minutes of live radio. ▸II plays/pauses,◂◂ rewinds, and ▸▸ fast-forwards through temporarily stored content.

Band Button

Pressing and releasing **band** switches between the favorite channel preset banks A, B, and C. Each bank holds 10 favorite channel presets for a total of 30. Pressing and holding **band** switches to the My Presets category, where artists and songs playing on each stored favorite channel preset can be viewed.

Listening to Satellite Radio

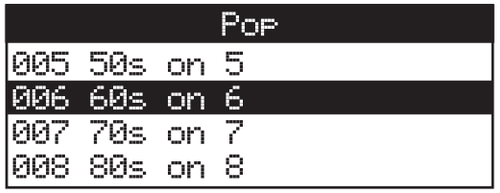
Tune a channel:

1. Press and release the **Up** or **Down button** to immediately tune to the next or previous channel.
2. Press and hold the **Up** or **Down button** to speed scroll through the channels. Release to tune to channel which is displayed.

View a category:

Channels are organized into categories to make it easier for you to find the ones that suit your taste.

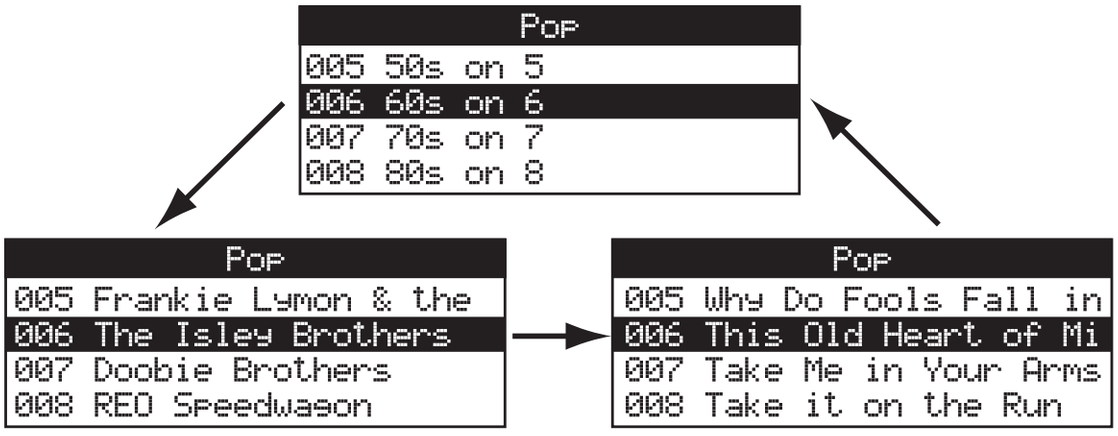
1. To view a category press the **Left** or **Right button**.
2. Press the **Up** or **Down button** to scroll through the channels in the category and find the channel you want.
3. Press the **Select button** to select the channel, or press the **Left** or **Right button** for the previous or next category.
4. To exit Category Mode without changing to a new channel press and hold **disp**.



View channel lists:

While in Category Mode, it is also possible to cycle between the category's channel names, currently playing artist names and currently playing song titles to preview what's playing on other channels.

1. View a category. Repeatedly press **disp** to cycle between channel name, artist name and song title lists.
2. While in a list, use the **Up** or **Down button** to scroll through to find the channel you want.
3. Press the **Select button** to tune to a new channel.
4. To exit without tuning to a new channel, press and hold **disp.**



Direct Tune

A channel can be tuned directly from the main display screen by entering the channel number using the number buttons.

1. To directly tune a channel press the **Select button.**

2. Enter the channel number using the buttons **0-9.** Wait a moment until the channel is tuned, or press the **Select button** to immediately tune to the channel.

Jump

Depending upon how you configure it, **jump** will either tune to the traffic and weather channel of a selected city, from a list of the 20 most congested cities, or to a desired channel. This button allows you to quickly tune to a channel that is accessed frequently and temporarily, such as traffic/weather, sports, news, etc. and then tune back to the original channel to which you were listening by pressing the button again.

If Jump is set to **Traffic**, and the traffic/weather broadcast of your selected city is not immediately available, the Band indicator on the display will change to the jump icon to indicate that a jump is pending. Once the traffic/weather report is ready to be broadcast, the radio will automatically tune to the traffic/weather channel. Since a channel may carry the traffic and weather reports of more than one city, you may have to wait a few minutes for your desired broadcast. If Jump is set to **JumpSet**, pressing **jump** will immediately tune to the desired channel.

Pressing **jump** while a jump is pending will cancel the jump. Pressing **jump** after the radio has tuned to the traffic/weather or desired channel, will return it back to the channel to which you had been listening immediately prior to pressing **jump**.

TIP! To select a city for traffic/weather, refer to “Jump Settings” on page 95.

Favorite Channels

You can set up to 30 of your favorite channels so you can easily access them. Each favorite channel can be assigned to a number button.

Favorite channels are stored in three banks, A, B, and C, each capable of containing 10 favorite channel presets. Repeatedly pressing **band** cycles through the 3 banks one at a time.

To assign a favorite channel to a number button:

1. Press **band** to activate the preset bank you want. The selected bank is shown in the lower right corner of the main display screen.
2. Tune to the desired channel.
3. Press and hold a number button **0-9** for one second, to assign the channel as a favorite.

To listen to a favorite channel:

1. Press **band** to activate the preset bank you want. The selected bank is shown in the lower right corner of the main display screen.
2. Press the number button **0-9** that was assigned to the desired favorite channel.

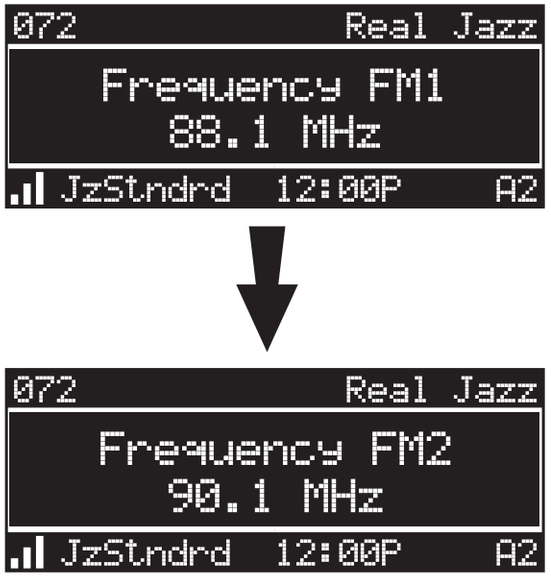
FM Presets

FM presets make it easy to quickly access stored FM channels and choose a new FM channel from them.

Use FM presets when you use *Power*Connect to listen to your Starmate 5 through your vehicle's FM radio

To start using a different FM preset:

1. Press to display the current FM channel preset.
2. The currently selected FM preset is shown. To display and select the next FM preset press .
3. Repeatedly pressing will cycle through the FM presets. The last displayed FM preset will be tuned. To return to the main display screen, allow the screen to time out.



IMPORTANT! You need to ensure that the FM Transmitter in the Starmate 5 is turned On, and that your vehicle's FM radio is tuned to the same FM channel.

TIP! To configure the list of preset FM channels, you need to find available FM channels in your area. Refer to"Find Available FM Channels in Your Area" on page 89. Next, refer to "Set and Select an FM Channel" on page 93.

Special Features

Special Features

Pause & Replay

Pause & Replay gives you the opportunity to "hear that again" by temporarily storing and letting you access content played approximately the last 44 minutes. Pressing ⏯ or⏪ places the Starmate 5 into Replay mode.

TIP! This feature applies to the current channel that is being listened to and the current listening session only. Changing channels or turning off your Starmate 5 removes the temporarily stored content from the radio.

To Play/Pause:

1. Press and release ⏯ to pause the live broadcast. At this point the radio will mute and continue to store live audio.
2. Pressing and releasing ⏯ again will begin playing stored audio from the point at which the program was paused.

TIP! Pressing and holding ⏯ will show the **Replay List.** A listing of artist names are shown for the stored audio from most recent to oldest, beginning with entry called "LIVE". Pressing **disp** toggles between artist name and song title. Press the **Up or Down button** and scroll to highlight a song or program and press the **Select button** to play it. Choosing "LIVE" exits Pause & Replay mode and resumes playing the live broadcast.

To listen to the previous track:

1. Press and release ◄◄ to rewind to the beginning of the current song or program.
2. Repeated press and releases skips backwards to the start of the previous songs or programs until the beginning of the stored audio is reached. When the beginning is reached, playback automatically begins.

TIP! Pressing and holding ◄◄ rewinds through stored audio in 10 second intervals, which increases to 15 and then 30 second intervals the longer the button is pressed. Playback begins when the button is released. If beginning of the stored audio is reached, playback automatically begins.

To listen to the next track:

1. Press and release ►► to forward to the start of the next song or program.
2. Repeated press and releases skips forward to the beginning of the next songs or programs until the end of stored audio is reached. When the end is reached, the Starmate 5 exits Pause & Replay mode and resumes playing the live broadcast.

TIP! Pressing and holding ►► advances through the stored audio in 10 second intervals, which increases to 15 and then 30 second intervals the longer the button is pressed. Playback begins when button is released. If end of stored audio is reached, Starmate 5 exits Pause & Replay mode and resumes playing the live broadcast.

Special Features

S-Seek™

S-Seek™ tracks and finds a combination of up to 30 of your favorite artists and songs, plus one sports team/car whenever they're being played on any channel. It continuously searches all the channels and alerts you when a match to a saved choice is being played. When a sports team/car is stored in memory, at the time the Starmate 5 is initially powered on, you will be alerted if the team/car is playing/racing in a game/race that is being broadcast. Also, while listening to your Starmate 5, you will be alerted should the team/car begin to play a game or begin a race.

To save a favorite artist or song:

1. When you hear a favorite artist or song, press **memo**.
2. Press the **Up** or **Down button** to scroll and highlight to store either the artist name or the song title. Press the **Select button**.

3 When an artist or song on your S-Seek™ list plays on any channel, you'll hear an alert tone and see a message that informs you about the artist/song and the channel the song is being played on. To switch to that channel, press the **Select button**.

To activate, cancel or delete an Alert:

1 Press and hold **memo**.

2 Press the **Up** or **Down button** to scroll and find the alert which you wish to activate, cancel or delete.

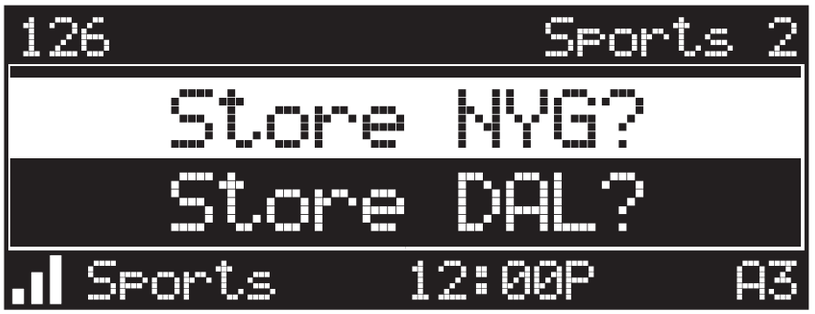
3 Press the **Select button**. The **Memory Recall** screen will appear.

4 Press the **Up** or **Down button** to highlight the option you want for that particular alert, and press the **Select button**. If you select **Delete**, a **Delete Confirmation** screen will appear. To permanently delete the alert from the memory list, highlight and select **Yes**.

Special Features

To save favorite teams:

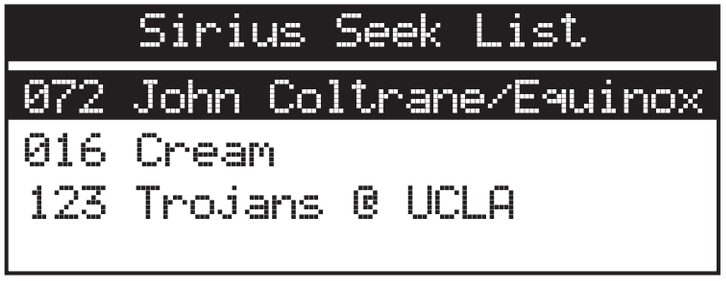
1 When the currently-tuned channel is an NFL, NBA, NHL, NASCAR or college play-by-play sports broadcast, momentarily press and release **memo.** The Starmate 5 will display a menu to choose which sports team (or for NASCAR, which car number) should be saved to memory.



2 Press the **Up** or **Down button** to scroll and highlight the desired sports team or car number (when available) and press the **Select button** to save the current selection to memory.

NOTE! If the new alert was successfully stored in memory, an Artist/Song/Game Stored pop-up screen followed by an X Used/Y Empty screen will be displayed for one and two seconds respectively. X is the total number of listings stored in memory, and Y is the total number of memory listings still available for storage.

NOTE! When the S-Seek™ option is enabled, whenever the Starmate 5 is turned on, it automatically searches the incoming channels to determine if a match exists with the program information stored in the S-Seek™ memory. If one or more matches are found, a pop-up screen momentarily appears for 2 seconds and displays **S-Seek™ Alert.** You will also hear an audible beep tone, indicating that a match was found.

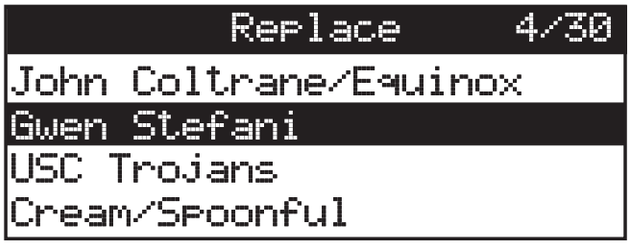


NOTE! The **Sirius Seek List** screen display a list of the current matches. No alert is provided for the currently-tuned channel. Press the **Up** or **Down button** to highlight the artist, song, or sports event that you wish to listen to, and then press the **Select button** to tune to it. If you don't make a selection within 10 seconds, the Starmate 5 will revert to the last active display mode. Note that the currently-tuned channel will continue to play until you make a new selection from the S-Seek™ list.

To replace or cancel an existing alert:

If all of the memory spaces are full when you press **memo**, a **Memory Full** screen will be displayed for one second. A **Replace-Cancel** screen will then be displayed.

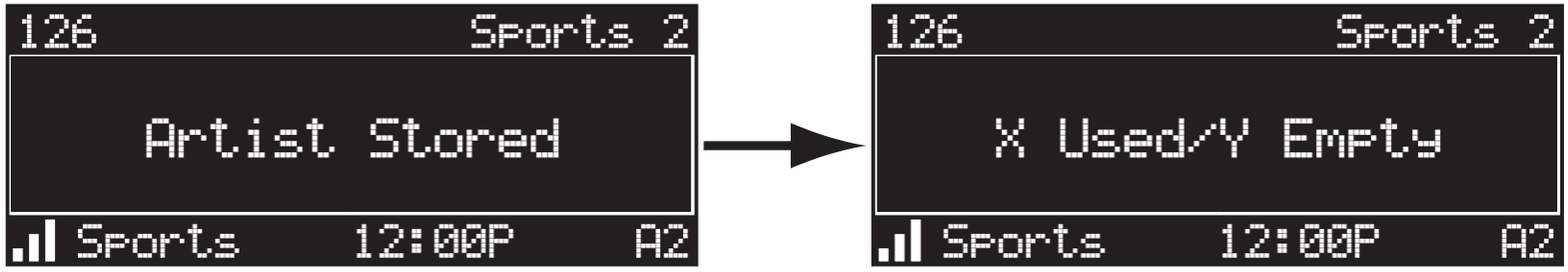
1 Press the **Up** or **Down button** to scroll and highlight whether to replace an existing alert or cancel saving the alert to memory and press the **Select button**.



2 If you chose to cancel saving the alert, the screen will revert to the last active display mode. If you chose to replace an existing alert, a listing of all the alerts stored in memory will be displayed. Each listing will be preceded by an icon that identifies the type of listing: a musical note for songs, a happy face for artists and a flag for sports teams/cars.

3 Press the **Up** or **Down button** to scroll and highlight the alert that you would like to replace and press the **Select button** to store the new alert. If the new alert was successfully stored in memory, the Artist/

Song/Game Stored pop-up screen followed by the X Used/Y Empty screen will be displayed for one and two seconds respectively. The Starmate 5 will then revert to the last active display mode.

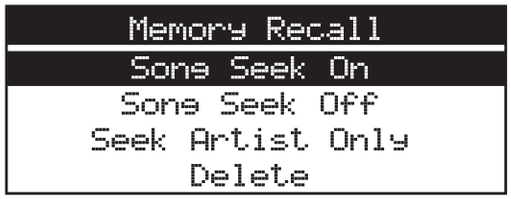


To view the program information stored in memory:

1. Press and hold **memo** to enter the S-Seek Browse mode. The choices stored in memory will be displayed in one-at-a-time page format.
2. Press any of the navigation buttons (**Up, Down, Left** or **Right button**) to scroll through the listings. This function allows you to review previously stored program information. The information will be displayed as sports league or college/ team name or artist name/song title.

To delete a song title stored in memory:

1. Press and release the **Select button** while in S-Seek™ mode. A pop-up screen displaying various selectable options will be displayed.

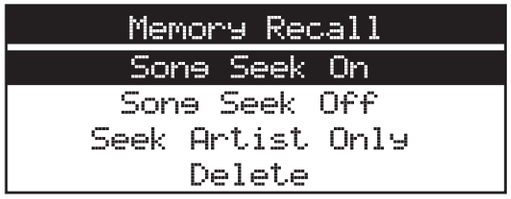


2. Press the **Up** or **Down button** to scroll and highlight the **Delete** option. Press the **Select button**.

3. To permanently delete the program from your list, use the **Control knob** to highlight **Yes** and press the **Select button** to confirm. The S-Seek™ Browse mode screen will return.

To turn on S-Seek™ alerts:

1. Press and release the **Select button** while in S-Seek™ mode. A pop-up screen displaying various selectable options will be displayed.



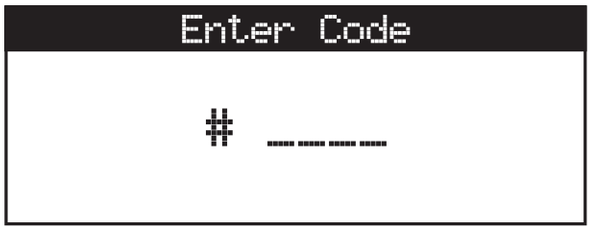
2. Press the **Up** or **Down button** to scroll and highlight **Song Seek On** and press the **Select button** to turn on S-Seek™ alerts.

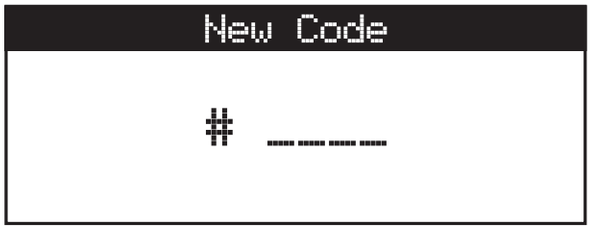
Parental Control

Your Starmate 5 has the ability to lock channels you do not want others (such as children) to access without your permission. Locked channels will not appear in the channel or category list. The default lock code is 0000.

Locked channels can be tuned directly using the **0-9** number buttons and entering the locked channel number. You will be prompted to enter your lock code. If the lock code is correctly entered, the channel will begin playing. If you tune away from the locked channel to a different channel, the locked channel will again be locked.

Changing the lock code:





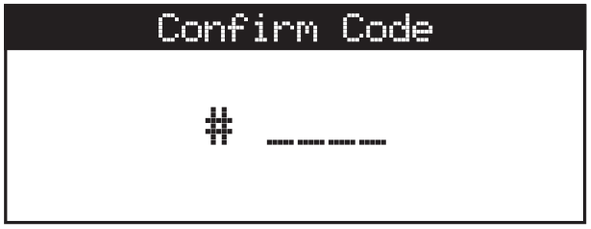
1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Settings** and press the **Select button.** Highlight **Parental Control** and press the **Select button.**
3. If this is the first time you are changing the lock code, enter the default lock code. Use the **0-9** number buttons to enter **0000**, which is the default lock code.
4. Otherwise, press the **Down button** to scroll and highlight **Edit Code** and press the **Select button.** You will be prompted to enter the existing lock code. Use the **0-9** number buttons to enter the code.

Special Features

5 Enter a new 4 digit code using the **0-9** number buttons.

6 Once you have entered the code you will then be prompted to enter the new code again to confirm. If you entered the same lock code again, the code is saved.

7 Press and hold **menu** to exit.



To lock or unlock a channel:

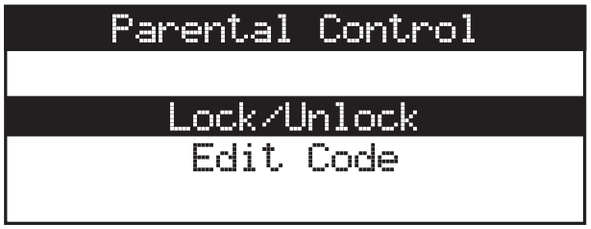
1 Press **menu.**

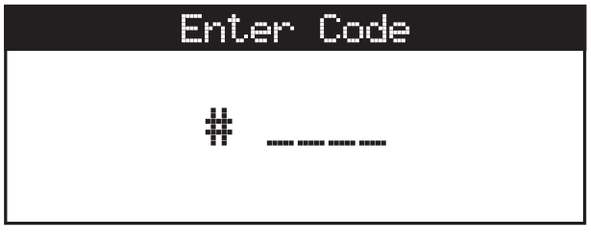
2 Press the **Down button** to scroll and highlight **Settings** and press the **Select button.** Highlight **Parental Control** and press the **Select button.**

3 **Lock/Unlock** is highlighted. Press the **Select button.**

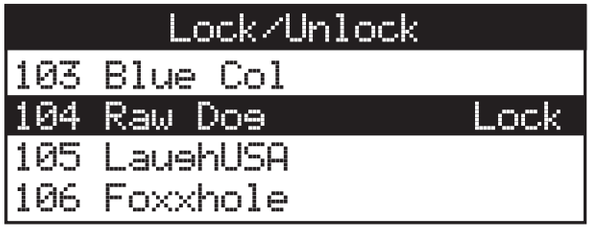
4 You will be prompted to enter your 4 digit lock code. Enter the lock code using the **0-9** number buttons.

5 When you have entered the correct code, a list of channels will be displayed. Press the **Up** or **Down button** to scroll though the list and highlight a channel you want to lock or unlock.





6 Press the **Select button** to lock or unlock a channel. Note that locked channels will display **Lock** to the right of the channel name.



7 You can continue to select channels to lock or unlock. When you are finished, press and hold **menu** to exit.

Where Else Can You Use Your Starmate 5?

Where Else Can You Use Your Starmate 5?

SIRIUS|XM offers a variety of accessories that allow you to adapt your Starmate 5 Radio to your lifestyle and enhance your listening experience. With these accessories, you can effortlessly take your Satellite Radio listening experience from your vehicle to your home or office or on the go — all with a single subscription.

- In the Home, Office, etc. – With a Home Kit, you can play your Starmate 5 over an existing home, office, or other stereo system.
- In Other Vehicles – With a Vehicle Kit, you can enjoy your Starmate 5 in more than one vehicle.
- In Almost Any Location You Like – With a desktop or portable Sound System you have the freedom to listen to your Starmate 5 where and when you want, from your kitchen or den, to the office, to outside on the deck, or at a picnic.

For more information on SIRIUS accessories or to purchase an accessory, please visit your local retailer or www.sirius.com/accessories.

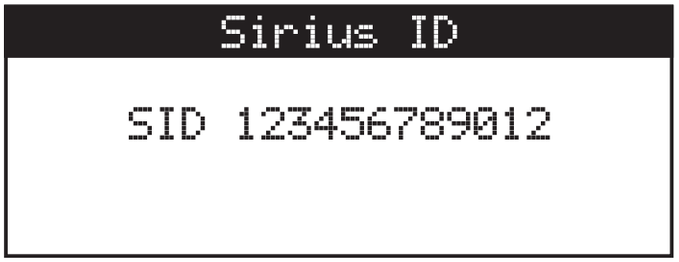
Configuring Your Starmate 5

Sirius ID

Your Starmate 5 has a numeric 12-digit ID which uniquely identifies the radio. This ID is used during the activation process.

To display the Sirius ID:

1. Press **menu.**
2. **Sirius ID** will be highlighted. Press the **Select button**. The Radio ID will be displayed.
3. Press and hold **menu** to exit.



Find Available FM Channels in Your Area

Before attempting any of the procedures below, you should park your vehicle in a safe location. Do not attempt to set up your FM channels or any Starmate 5 function while driving.

*Power*Connect allows you to listen to SIRIUS audio through your vehicle's FM radio. You will first need to find an available FM channel, which is a channel that is not being used by an FM radio station in your area. When you tune your FM radio to an available channel, you should only hear static or silence – not talk or music.

Once you have found an available channel, you need to tune the Starmate 5's built-in transmitter to the same channel to receive SIRIUS sound through your vehicle's radio.

We recommend one of the following methods to find an available FM channel:

1 **Use the SIRIUS|XM FM Channel Finder**

Use the SIRIUS|XM FM Channel Finder at **www.sirius.com/fmchannel**. Go to the website and enter your zip code. The Channel Finder will suggest a list of available FM channels in your area. For convenience, write down or print out the list.

Tune the Starmate 5 to a favorite SIRIUS channel (or to channel 184, if it's not yet activated). Turn on your vehicle's FM radio. Pick the first FM channel on your Channel Finder list and tune the FM radio to that channel. If you do not hear a local FM station broadcast, then tune the Starmate 5 to the same FM channel.

(Refer to "Set and Select an FM Channel" on page 93.) You should hear the SIRIUS channel through your vehicle's radio. If you are satisfied with the sound quality, you're done! If this FM channel doesn't work well for you, work down the list until you find an FM channel that allows you to hear SIRIUS clearly.

OR

2 Manually tune through your local FM channels

Manually tune through your local FM channels on your vehicle's FM radio. Turn on your vehicle's FM radio. Start at 88.1 and use the 'Manual' tune function on your vehicle's FM radio to tune through each FM channel one-by-one (88.1 followed by 88.3 etc.) to locate channels that aren't being used by a local FM radio station. Write down each FM channel that has only static or silence on it, until you reach 107.9. Once you have created your list of available FM channels, you will need to find the one that provides the best match for Starmate 5.

Tune the Starmate 5 to a favorite SIRIUS channel (or to channel 184, if it's not yet activated). Pick the first FM channel on your list and tune the FM radio to that channel. Then tune the Starmate 5 to the same FM channel. (Refer to "Set and Select an FM Channel" on page 93.) You should hear the SIRIUS channel through your vehicle's radio. If you are satisfied with the sound quality, you're done! If this FM channel doesn't work well for you, work down the list until you find an FM channel that allows you to hear SIRIUS clearly.

NOTE! You may find an FM channel with static or silence that does not work with the Starmate 5. It is possible that some type of inaudible interference is present that prevents reception of the Starmate 5 broadcast. Your only options are to use another FM channel or a different audio connection method.

TIP! If you regularly drive from one location to another, such as your daily commute, you may need to use different FM channels along your route for best performance. If this is the case, we recommend saving the best FM channels as presets on your FM radio and Starmate 5. Then you simply select and match the best channel for the area you are in.

TIP! It will be much more difficult to find available FM channels in large cities than in most suburban or rural locations. A direct audio connection using the Aux In Cable, Cassette Adapter, or professional installation is your best solution if you drive in or near large metropolitan areas.

NOTE! The SIRIUS|XM FM Channel Finder relies on data from the Federal Communications Commission. The data may not reflect the latest stations in your area. In addition, local geography and weather conditions can impact reception, so your results may be different from the list.

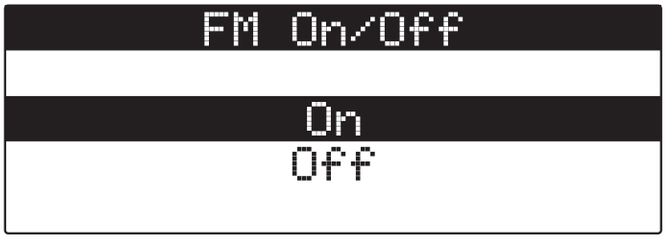
NOTE! The performance of FM radios are different, based on manufacturer and vehicle style. Some may not work well with the type of FM transmitter used by the Starmate 5. This is why we recommend a direct audio connection using the Aux In Cable or Cassette Adapter if they can be used in your vehicle. Professional installation can also resolve almost any performance issue.

FM Transmitter

The built-in FM Transmitter in the Starmate 5 works with the *Power*Connect Vehicle Dock, and is used when you choose to listen to the Starmate 5 through your vehicle's FM radio.

To turn the FM Transmitter On or Off:

1. Press **menu.**
2. Press the **Down button** to scroll and highlight **FM Transmitter** and press the **Select button.**
3. Press the **Down button** to scroll and highlight **FM On/Off** and press the **Select** button.
4. Press either **Up** or **Down button** to scroll and highlight either **Yes** or **No** and press the **Select button.**
5. Press and hold **menu** to exit.



TIP! The Starmate 5 is shipped with the FM Transmitter turned On by default.

TIP! The FM1 storage location is preset with FM channel 88.1.

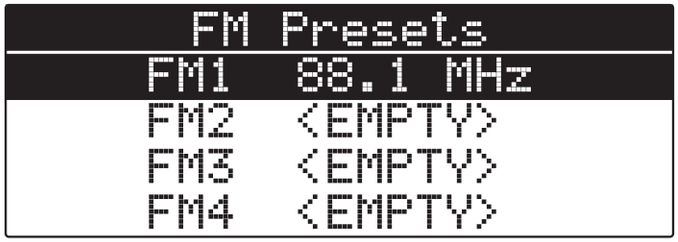
Set and Select an FM Channel

The Starmate 5 allows you to easily store (i.e., preset) up to 5 different FM channels. At any time, you can select any one of these 5 FM presets to transmit audio from the Starmate 5 to your vehicle's FM radio. Having a choice of 5 FM presets also makes it easy to switch to the appropriate FM channel as you travel from one area to another. Each FM preset is stored in its own storage location. You can easily add or edit the FM preset in any one of the 5 storage locations.

TIP! The FM1 storage location is preset with FM channel 88.1.

To set an FM preset:

1. Press **menu.**
2. Press the **Down button** to scroll and highlight **FM Transmitter** and press the **Select button.**
3. **FM Presets** will be highlighted. Press the **Select button.**
4. Press the **Up** or **Down button** to scroll and highlight the storage location (FM1 to FM5) that you want to set or select, and press the **Select button.**



5 Change the FM channel for the selected storage location by pressing the **Up** or **Down button** to tune in steps of .2, i.e., 99.3 to 99.5, and pressing the **Left** or **Right button** to tune in steps of 1, i.e., 99.3 to 100.3. When the desired FM channel is displayed on screen, press the **Select button** to select the FM channel. The FM channel you selected will be confirmed on the display screen and the Starmate 5 will tune to the FM channel.

6 Set your vehicle's FM radio to same FM channel.

IMPORTANT! You first need to find available FM channels in your area. Refer to "Find Available FM Channels in Your Area" on page 89.

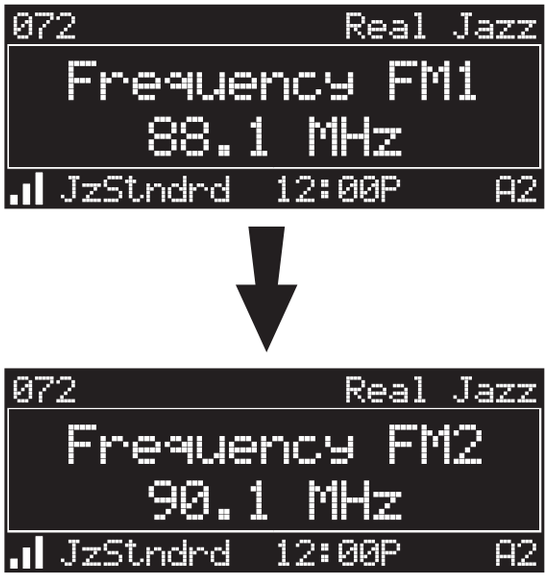
To quickly select an FM channel from the preset list:

1 Press ⊂⊃ to display the current FM channel preset.

2 The currently selected FM preset is shown. To display and select the next FM preset press ⊂⊃.

3 Repeatedly pressing ⊂⊃ will cycle through the FM presets. The FM channel displayed will be selected. To return to the main display screen, allow the screen to time out.

4 Set your vehicle's FM radio to the same FM channel.



Jump Settings

The **jump** button can be configured to either jump to the traffic and weather channel of one of the 20 most congested cities, or to a specific channel that is accessed frequently and temporarily, such as news or sports. Pressing **jump** lets you quickly tune to a channel that is accessed frequently and temporarily, and then tune back to the original channel to which you were listening by pressing the button again.

To configure traffic option:

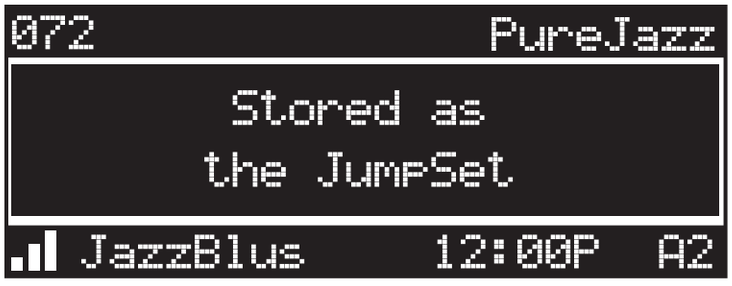
1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Settings** and press the **Select button.**
3. **Jump Settings** will be highlighted. Press the **Select button**.
4. Scroll and highlight **Traffic** and press the **Select button.** Press the **Up** or **Down button** to scroll and highlight your desired city and press the **Select button**.
5. Press and hold **menu** to exit.

Configuring Your Starmate 5

To configure JumpSet:

1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Settings** and press the **Select button.**
3. **Jump Settings** will be highlighted. Press the **Select button.**
4. Scroll and highlight **JumpSet** and press the **Select button.**

5. Press and hold **menu** to exit and return to the main display screen. Tune to the channel you want assigned to the Jump button (you can use the **Up** or **Down button**, your presets or enter the channel number directly). When the channel is tuned, press and hold **jump.**
6. The Band indicator on the display for this channel will change to the jump icon .



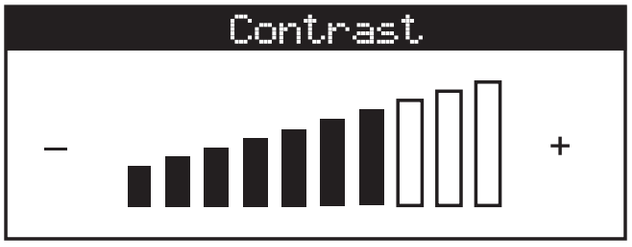
Display Options

You can adjust the brightness and contrast of the Starmate 5's display to improve its visibility in different lighting conditions.

To change the display's brightness or contrast:

1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Settings** and press the **Select button.**
3. Press the **Down button** to scroll and highlight **Display Options** and press the **Select button.**

4. Press the **Select button** to choose **Brightness** or press the **Down button** to scroll and highlight **Contrast** and press the **Select button.**
5. Press the **Left** or **Right button** to decrease or increase the brightness/contrast of the display.
6. Press the **Select button** to confirm the setting.



7. Press and hold **menu** to exit.

Memory Options

You can turn the automatic S-Seek™ feature On or Off, and to clear (erase) all the stored S-Seek™ alerts from memory.

To configure Auto Memory Search:

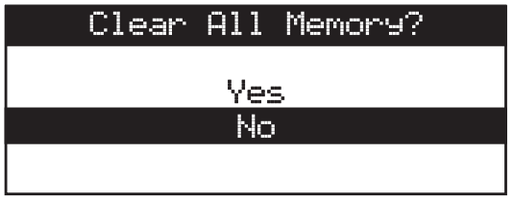
1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Settings** and press the **Select button.**
3. Press the **Down button** to scroll and highlight **Memory Options** and press the **Select button.**
4. Scroll and highlight **Auto Memory Search** and press the **Select button.**

5. Press the **Up** or **Down button** to highlight and select either **On** or **Off** and press the **Select button.**

6. Press and hold **menu** to exit.

To erase all S-Seek™ memory entries.

1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Settings** and press the **Select button.**
3. Press the **Down button** to scroll and highlight **Memory Options** and press the **Select button.**
4. Scroll and highlight **Clear All Memory** and press the **Select button.**
5. Press the **Up** or **Down button** to highlight and select either **Yes** or **No** and press the **Select button.**



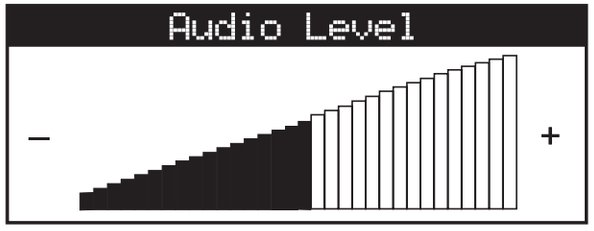
Audio Level

The audio level of the Starmate 5 can be adjusted when an audio connection is made between the dock and the vehicle's stereo system. Audio level is used to adjust the Starmate 5's volume level to match the volume of other audio sources you may use, such as a CD player, other FM stations, or an MP3 player.

Do not use the audio level as a volume control. Use the volume control on your vehicle stereo instead.

To adjust the audio level:

1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Settings** and press the **Select button.**
3. Press the **Down button** to scroll and highlight **Audio Level** and press the **Select button.**



4. Press the **Left** or **Right button** to decrease or increase the audio level.
5. Press the **Select button** to confirm the new audio level setting.
6. Press and hold **menu** to exit.

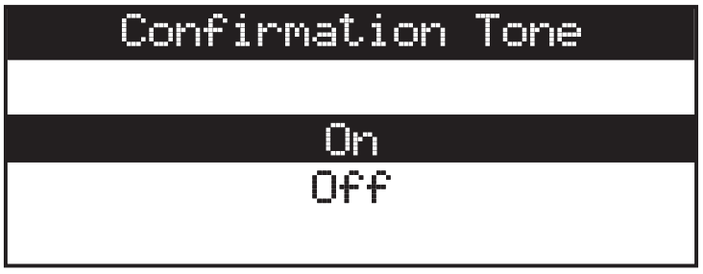
NOTE! Using the **+ / - buttons** on the remote control will adjust the audio level.

Confirmation Tone

The Starmate 5 will sound an audio alert tone when you power it On or Off, as well as when a S-Seek™ alert or other alerts are activated.

To set confirmation tone:

1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Settings** and press the **Select button.**
3. Press the **Down button** to scroll and highlight **Confirmation Tone** and press the **Select button.**
4. Press the **Up** or **Down button** to scroll and highlight **On** or **Off.**
5. Press the **Select button** to confirm the new setting.
6. Press and hold **menu** to exit.

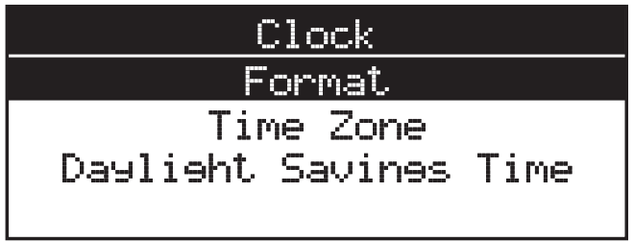


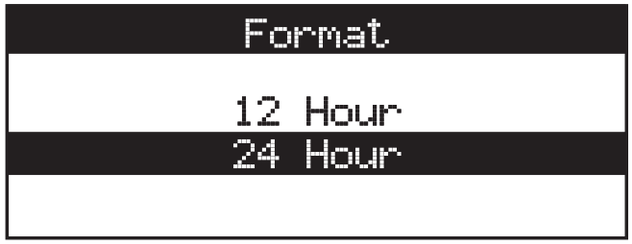
Time Based Features

Clock - Sets the clock format, time zone, and daylight savings time function.

To set the Clock Format:

1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Time Based Features** and press the **Select button.**
3. Highlight **Clock** and press the **Select button.**
4. Highlight **Format** and press the **Select button.**
5. Press the **Up** or **Down button** to select the time in either 12-hour (default) or 24-hour format and press the **Select button.**
6. Press and hold **menu** to exit.





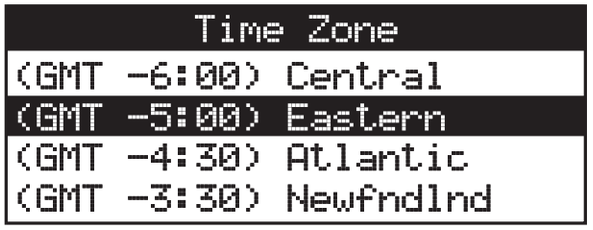
To set the Time Zone:

1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Time Based Features** and press the **Select button.**
3. Highlight **Clock** and press the **Select button.**

4 Press the **Down button** to highlight **Time Zone** and press the **Select button.**

5 Press the **Up** or **Down button** to select your time zone from the list of the available time zones and press the **Select button.**

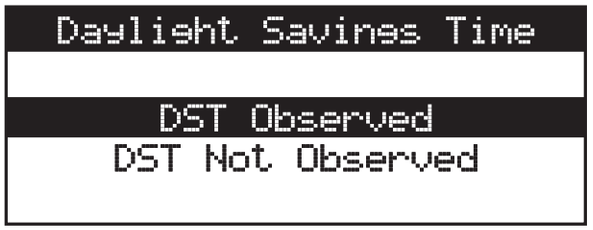
6 Press and hold **menu** to exit.



To set Daylight Savings Time:

1 Press **menu.**

2 Press the **Down button** to scroll and highlight **Time Based Features** and press the **Select button.**



3 Highlight **Clock** and press the **Select button.**

4 Press the **Down button** to highlight **Daylight Savings Time** and press the **Select button.**

5 Select **DST Observed** if your area observes Daylight Savings Time; select **DST Not Observed** if your area does not and press the **Select button.**

6 Press and hold **menu** to exit.

Configuring Your Starmate 5

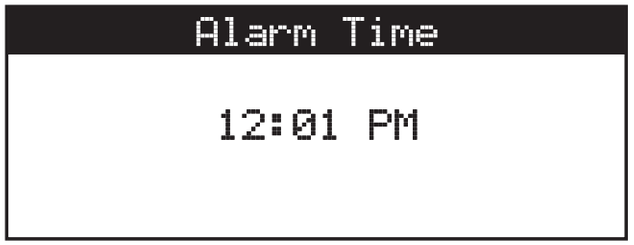
Alarm - lets you to set your Starmate 5 to turn On at a specific time. The last selected channel prior to shutdown will play when the Starmate 5 powers **On.**

To set the Alarm:

1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Time Based Features** and press the **Select button.**
3. Press the **Down button** to scroll and highlight **Alarm** and press the **Select button.**
4. Highlight **Set Alarm** and press the **Select button.**
5. Press the **Up** or **Down button** to scroll and highlight **On** or **Off** and press the **Select button.**
6. Press and hold **menu** to exit.

To set the Alarm Time:

1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Time Based Features** and press the **Select button.**
3. Press the **Down button** to scroll and highlight **Alarm** and press the **Select button.**



4 Highlight **Alarm Time** and press the **Select button.**

5 Use the **Left** or **Right button** to set the hours and use the **Up** or **Down button** to set the minutes when you want the Starmate 5 to power on and press the **Select button.**

6 Press and hold **menu** to exit.

Program Alert - Sets the radio to tune to a specific channel at a specified time. The radio must be powered on in order for this feature to function.

To set Program Alert:

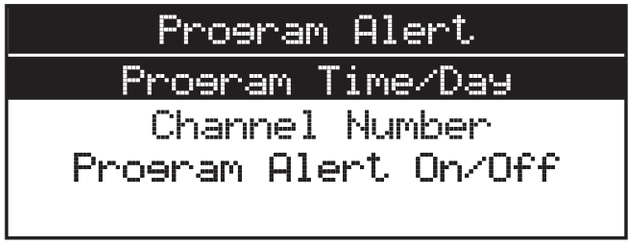
1 Press **menu.**

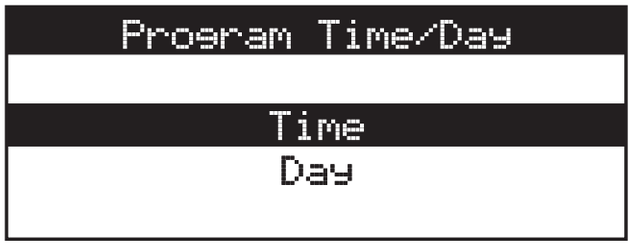
2 Press the **Down button** to scroll and highlight **Time Based Features** and press the **Select button.**

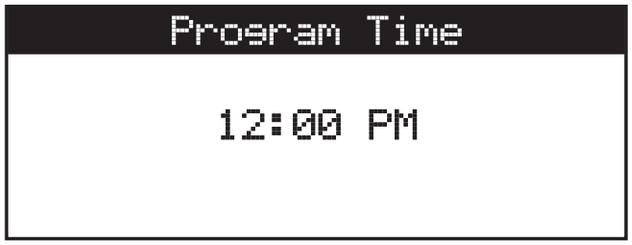
3 Press the **Down button** to scroll and highlight **Program Alert** and press the **Select button.**

4 Highlight **Program Time/Day** and press the **Select button.**

5 Highlight **Time** and press the **Select button.** To select the time you wish to tune to the specified

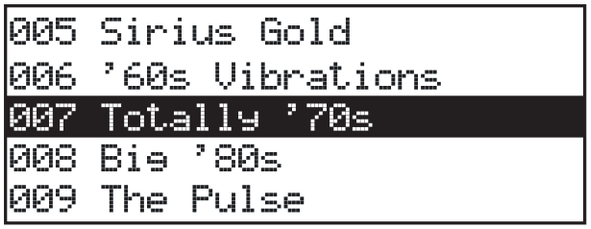






channel, use the **Left** or **Right button** to change the hours, and the **Up** or **Down button** to set the minutes. When you have selected the desired time, press the **Select button** to set the time and exit.

6 Highlight **Day** and press the **Select button.** Using the **Up** or **Down button**, select the day of the week you wish to tune to the selected channel, i.e., Monday, Tuesday, etc., and press the **Select button.** Press **menu** to go back one level to the **Program Alert** menu options.



7 Highlight **Channel Number** and press the **Select button.** Use the **Up** or **Down button** to highlight the channel you want the Starmate 5 to play when **Program Alert** turns it On, then press the **Select button** to set the channel.

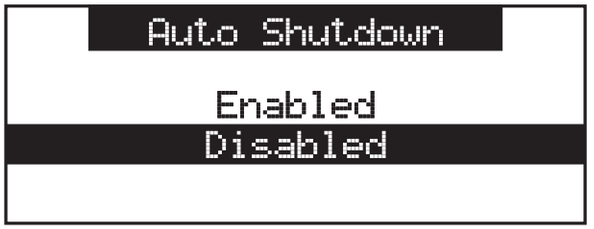
8 Highlight **Program Alert On/Off** and press the **Select button.**

9 Press the **Up** or **Down button** to scroll and highlight **On or Off** and press the **Select button.**

10 Press and hold **menu** to exit.

Auto Shutdown - Lets you program the Starmate 5 to automatically shut off after a one-hour period of inactivity (no button presses or other user intervention).

To set the Auto Shutdown:



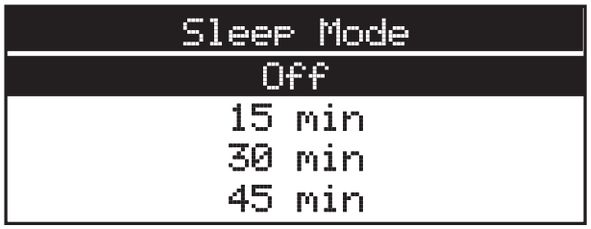
1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Time Based Features** and press the **Select button.**
3. Press the **Down button** to scroll and highlight **Auto Shutdown** and press the **Select button.**
4. Press the **Up** or **Down button** to scroll and highlight **Enable** to activate the auto shutdown or **Disable** to cancel an auto shutdown. Press the **Select button** to confirm.
5. Press and hold **menu** to exit.

After 59 minutes of inactivity, a beep tone will sound and a **Cancel Auto Shutdown** display prompt appears on the screen to allow you to delay the automatic shutdown. Pressing the **Select button** will reset the Auto Shutdown for

another 1-hour period.

Sleep Mode - Sets the radio to turn off after a designated period of time.

To set Sleep Mode:



1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Time Based Features** and press the **Select button.**
3. Press the **Down button** to scroll and highlight **Sleep Mode** and press the **Select button.**
4. Use the **Up** or **Down button** to highlight and select the amount of time you want the Starmate 5 to remain on before it shuts off. Press the **Select button** to confirm.
5. Press **menu** to exit.

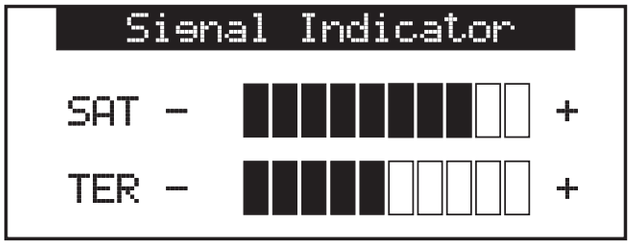
Signal Indicator

For best reception, your Magnetic Mount Antenna should have an unobstructed view of the SIRIUS satellites. In large cities, terrestrial transmitters (ground repeaters) help increase the signal coverage.

Your Starmate 5 can display the received strength of the satellite and terrestrial signals being received.

To display the signal strength:

1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Signal Indicator** and press the **Select button.**
3. The Satellite and Terrestrial bars show the strength of the signal being received.



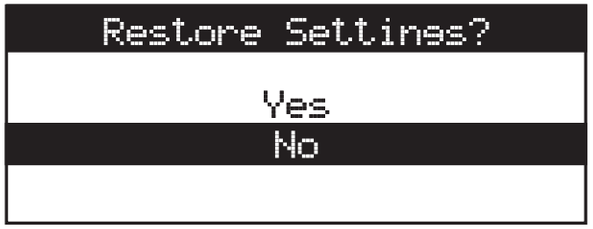
4. Reposition the antenna if you are having trouble getting a signal. Be sure your vehicle is outside with an unobstructed view of the sky.
5. Press and hold **menu** to exit.

Factory Default

You can clear all of your personal settings, such as favorite channels, and return the radio to its original out-of-the-box settings.

To restore the Starmate 5 to the factory defaults:

NOTE! Restoring defaults permanently removes all personal settings.



1. Press **menu.**
2. Press the **Down button** to scroll and highlight **Factory Default** and press the **Select button.**
3. Press the **Up button** to scroll and highlight **Yes** and press the **Select button.**
4. A warning screen will be displayed. If you are certain that you want to reset your Starmate 5 to the factory defaults, press the **Up button** to scroll and highlight **Yes** and press the **Select button.** Otherwise, highlight **No** and press the **Select button.**
5. The radio will display **Restoring,** and will be restored to the factory settings.
6. Press and hold **menu** to exit.

Troubleshooting

Troubleshooting

Starmate 5 has been designed and built to be trouble-free but if you experience a problem, try this:

- Check that all connections are firm and secure.
- Make sure the vehicle power socket is clean and free of corrosion.
- Make sure you have connected the Starmate 5 as described in this User Guide. Verify that the *Power*Connect Power Adapter is plugged into the vehicle's cigarette lighter or power adapter socket, and that the LED on the *Power*Connect Power Adapter is lit (on). If not, your vehicle may need to be running to provide power to the socket.

If you see this on the screen:	Try this:
Acquiring Signal	• Make sure that the vehicle is outdoors with a clear view of the sky. • Make sure the Magnetic Mount Antenna is mounted outside of the vehicle. • Move your Magnetic Mount Antenna away from any obstructed area. For example, if you are parked in an underground garage, you should receive a signal after leaving the garage.
Antenna Not Detected	• Make sure that the antenna cable is firmly and securely plugged into the *Power*Connect Vehicle Dock. Make sure the cable is not bent or broken. • If the message persists, most likely the Magnetic Mount Antenna cable has been damaged. Replace the antenna.

If you see this on the screen:	Try this:
Invalid Channel	• You have attempted to tune to a channel that you have not subscribed to, or does not exist. Select a channel to which you have subscribed.
Firmware Updating	• Your Starmate 5 is being updated over the air with the latest software. Wait until the update is done.
If this happens:	**Try this:**
You do not receive all the SIRIUS channels to which you have subscribed	• Ensure that you have followed the proper activation process. Refer to "Activation" on page 56. • Call 1-888-539-7474 for further assistance.
No audio when using the Aux In Cable or Cassette Adapter	• Check all cables between your Starmate 5 and your vehicle's stereo system for a firm and secure connection. • Ensure you have selected the proper input source on your vehicle's stereo system.
No audio when using *Power*Connect or FMDA	• Check that your Starmate 5 and your vehicle's FM radio are tuned to the same FM channel.
Audio sounds too soft	• Raise the volume of your stereo system or increase the audio level of your Starmate 5 until the sound quality improves. Refer to "Audio Level" on page 100.

Troubleshooting

If this happens:	Try this:
Audio fades or has static when listening	• Check all cables for a firm and secure connection. • If you are using *Power*Connect to listen via your vehicle's FM radio, and the problem persists, it most likely is interference from another commercial or broadcast FM station. You will need to find an unused or available FM channel in your area. Refer to "Find Available FM Channels in Your Area" on page 89. • If you are using *Power*Connect, and you cannot solve the audio problem, try connecting the audio using the Aux In Cable or a Cassette Adapter. (Refer to page 43 and page 46.) If you cannot use those solutions, consider using an FM Direct Adapter. (Refer to page 53.)
No song title or artist name is displayed	• The information may not be available or updates may be in progress.
Starmate 5 turns off unexpectedly	• If Auto Shutdown is set, Starmate 5 will automatically turn off after a one-hour period of inactivity (no user intervention). Set Auto Shutdown to Off. • If Sleep Mode is set, Starmate 5 will automatically turn off after the selected period of time. Set Sleep Mode to Off.

Product Specifications

Product Specifications

System

Power Requirements:	9-16 V DC, 500 mA (max)
Operating Temperature:	-4°F to +140°F (-20°C to +60°C)
Audio Output:	1.0 V_{rms} (max)

Starmate 5 Radio

Dimensions:	4.9 in (width) x 1.9 in (height) x 0.6 in (depth) 124 mm (width) x 49mm (height) x 16 mm (depth)
Weight:	2.5 oz (71 g)

Remote Control

Dimensions:	1.6 in (width) x 4.1 in (height) x 0.7 in (depth) 41 mm (width) x 105 mm (height) x 18 mm (depth)
Weight:	1.3 oz (37 g)
Battery:	CR2032 (3 V)

***Power*Connect Vehicle Dock**

Dimensions:	4.0 in (width) x 2.0 in (height) x 1.1 in (depth) 102 mm (width) x 52 mm (height) x 28 mm (depth)
Weight:	1.3 oz (37 g)
Audio Connector:	1/8 in (3.5 mm) female
Antenna Connector:	SMB male

***Power*Connect Power Adapter**

Dimensions:	3.7 in (width) x 1.7 in (height) x 1.3 in (depth) 94 mm (width) x 43 mm (height) x 34 mm (depth)
Weight:	2.4 oz (69 g)
Input / Output:	9-16 V DC / 5 V DC, 1.5 A
Cable Length:	4 ft 7 in (1.4 m)

Vehicle Antenna

Type:	SIRIUS Magnetic Mount
Connector:	SMB female, right angle
Cable Length:	21 ft (6.4 m)

Aux In Cable

Connectors:	1/8 in (3.5 mm) stereo male to 1/8 in (3.5 mm) stereo male
Cable Length:	4 ft (1.2 m)

Patent and Environmental Information

Patent Information

It is prohibited to, and you agree that you will not, copy, decompile, disassemble, reverse engineer, hack, manipulate, or otherwise access and/or make available any technology incorporated in this product. The music, talk, news, entertainment, data, and other content on the Services are protected by copyright and other intellectual property laws and all ownership rights remain with the respective content and data service providers. You are prohibited from any export of the content and/or data (or derivative thereof) except in compliance with applicable export laws, rules and regulations. The user of this or any other software contained in a SIRIUS|XM radio is explicitly prohibited from attempting to copy, decompile, reverse engineer, hack, manipulate or disassemble the object code, or in any other way convert the object code into human-readable form.

Environmental Information

Follow local guidelines for waste disposal when discarding packaging and electronic appliances.

Perchlorate Material - special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate (Applicable to California, U.S.A.)

FCC Statement

The user is cautioned that changes or modifications not expressly approved by SIRIUS XM Radio Inc. can void the user's authority to operate this device.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the installation instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna of the affected receiver.
- Increase the separation between the SIRIUS|XM equipment and the affected receiver.
- Connect the SIRIUS|XM equipment into an outlet on a circuit different from that to which the affected receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING! The FCC and FAA have not certified this Satellite Radio Receiver for use in any aircraft (neither portable nor permanent installation). Therefore, SIRIUS|XM Radio Inc. cannot support this type of application or installation.

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Owner's Record

The model number is located below and the SIRIUS ID is located on the label on the back of the Starmate 5.

Record the SIRIUS ID in the space provided below. Refer to these numbers whenever you call your dealer regarding this product.

Model Number: ST5

SIRIUS ID:_____

sirius.com

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1.888.539.7474

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